

Domus Organizer - User manual

Davide Tampellini

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Abstract

This manual explains how to use the extension Domus Organizer for sites developed using Joomla!™.

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Chapter 1. Preface

Domus Organizer was born as a tool dedicated to the management of the various activities within a real estate agency.

Within the same extension it is possible to manage both your site, showing the last property and hot offers, both the purely management part: customers, real estates, photos, research, intersections etc. etc.

In addition, any changes made to the property is immediately reflected in the public part of the site, without having to recourse to any alignment procedure.

Chapter 2. Installation

Domus Organizer installation and minimum requirements

1. Minimum requirements

Domus Organizer has been developed and tested for version 2.5 and 3.4 of Joomla!; however we always recommend to use the latest version available, as each patch fixes all known problems.

Minimum Joomla! version

Your Joomla! version must be greater or equal to 2.5.6 or 3.4.x in order to install this extension; previous versions have several known bugs.

We will drop support for Joomla 2.5 shortly. If you still run a 2.5 site, you should really update, since Joomla 2.5 reached its end of life cycle in December 2014.

Minimum PHP version

You must have PHP 5.3 installed on your system. The previous version (5.2) is now quite old and lacks of a lot of features, moreover it's affected by some bugs.

Available memory

You should have at least 24Mb of available RAM memory on your server, since image manipulation (resizing, watermarking, beautifying) is a resource intensive process. Lower values might cause fatal errors.

Database type

At the time Domus Organizer only supports the MySQL database, as it uses specific functionality and optimization.

2. Download

You can get the latest version available in the "Downloads" section of our website. We have created a unique package installation that will install on your site with the following extensions:

- Framework On Framework library
- Domus Organizer component
- Domus Organizer plugins
- Domus Organizer modules

Note

You should always use the latest version, as we are constantly correcting reported bugs and adding of new features.

Update the Professional version

To update your copy Professional, you must enter the *Download ID*: You can find it on our website after you have logged in the menu *Account - My subscriptions*.

3. Automatic updates

Updating automatically with the Joomla! extensions update feature

Warning

This method IS NOT supported on Joomla! 2.5.18 or earlier and Joomla! versions 3.0.0 up to and including 3.2.0. If you are using these versions you MUST update manually (see further down this page)

Important

This Joomla! feature requires that your server supports fopen() URL wrappers (`allow_url_fopen` is set to 1 in your server's `php.ini` file) or has the PHP cURL extension enabled. Moreover, if your server has a firewall, it has to allow TCP connections over ports 80 and 443 to `www.fabbricabinaria.it.com`. If you don't see any updates or if they fail to download please ask your host to check that these conditions are met. If they are met but you still do not see the updates please file a bug report in the official Joomla! forum [<http://forum.joomla.org/>]. In the meantime you can use the manual update methods.

Domus Organizer can be updated just like any other Joomla! extension, using the Joomla! extensions update feature. Joomla! is responsible for finding the updates, downloading them and installing them on your server. You can access the extensions update feature in two different ways:

- From the icon your Joomla! administrator control panel page. On Joomla! 3 you will find the icon in the left-hand sidebar, under the Maintenance header. It has an icon which looks like an empty star. On Joomla! 2.5 you will find it in the main area of the control panel page, under Quick Icons. When there are updates found for any of your extensions you will see the Updates are available message. Clicking on it will get you to the Update page of Joomla! Extensions Manager.
- From the top menu of your Joomla! administrator click on Extensions, Extensions Manager. From that page click on the Update tab found in the left-hand sidebar on Joomla! 3 and the top navigation bar in Joomla! 2.5. Clicking on it will get you to the Update page of Joomla! Extensions Manager.

If you do not see the updates try clicking on the Find Updates button in the toolbar. If you do not see the updates still you may want to wait up to 24 hours before retrying. This has to do with the way the update CDN works and how Joomla! caches the update information. Unfortunately we can't do anything about it, especially in Joomla! 3 (there is no way to forcibly clean the updates cache).

If there is an update available for Domus Organizer tick the box to the left of its row and then click on the Update button in the toolbar. Joomla! will now download and install the update.

Warning

Domus Organizer Professional needs you to set up the Download ID before you can install the updates. You can find your main download ID on our site's My subscriptions [<http://www.fabbricabinaria.it/en/account-en/my-subscriptions/subscriptions>] page. Then go to your site's administrator page and click on Components, Domus Organizer, and click on the Options button in the toolbar. Click on the General tab and paste your Download ID there. Finally, click on Save & Close.

On Joomla! 2.5.19 and all later versions in the 2.5.x range (but not Joomla! 3.x or later) you also need the Installer - Domus Organizer plugin to be installed and published on your site. This plugin is automatically installed and published when you install Domus Organizer. If you are not sure, please go to your site's administrator, click on Extensions, Plug-in Manager and verify that this plugin is installed and published. If this plugin is not installed or not published you will see the updates but you will NOT be able to install them.

Instead you will see an error message telling you about a 403 or 404 error message received. If you do not see the plugin on your site please update manually, with the method described below.

If Joomla! cannot download the package, please use one of the manual update methods described below.

Updating manually

If the automatic update using Joomla!'s extensions update feature does not work, please install the update manually.

Important

When installing an update manually you **MUST NOT** uninstall your existing version of Domus Organizer. Uninstalling Domus Organizer will always remove all your settings. You definitely not want that to happen!

Live update (versions 1.0 up to and including 3.2.3)

Note

This method was removed in Domus Organizer 3.3.0

On older versions of Domus Organizer there is a different update method, if your server supports it. It is called the "Live Update" feature. Whenever you visit the Domus Organizer Control Panel, it will automatically check for the existence of an updated version and it will notify you. Clicking on the notification allows you to perform a live update without further interaction. Do note that if your server is protected by a firewall you'll have to enable port 80 and 443 TCP traffic to www.fabbricabinaria.it for this feature to work properly.

4. Configuration

Domus Organizer needs some basic information in order to function correctly. At the end of the installation you will be presented with a link to load the sample data.

We strongly suggest you to follow it, so you can immediately understand the functionality without having to spend time in the details. At a later time, you can delete or modify the configuration details that don't meet your needs.

If you do not want to install the sample data, you must manually enter the following data:

- Real estate
- Categories
- Types
- Districts
- Towns
- Current user information
- Element groups, property elements and attributes

For more information about this part you should read the section System Tables.

Demo content

If you forgot to install demo content and you wish to do that later, take a look at the backend, inside the Utilities page. There is a link that will install demo content on your site. **Please remember that doing so will erase any saved data!**

Consistency checks

By default, Domus Organizer will automatically perform consistency checks on the items above. If there were to be some mistake, you will see this:

Figure 2.1. Consistency checks

Domus Organizer: Control panel

Why I'm seeing this?

It seems that some important information are missing, please check the following messages:

- Agency information are not complete. In order to continue you have to [add them](#)
- There are no element groups. In order to continue you have to [add them](#)
- There are no elements. In order to continue you have to [add them](#)
- There are no categories. In order to continue you have to [add them](#)
- There are no districts. In order to continue you have to [add them](#)
- There are no towns. In order to continue you have to [add them](#)
- There are no types. In order to continue you have to [add them](#)
- User information are not complete. In order to continue you have to [add them](#)

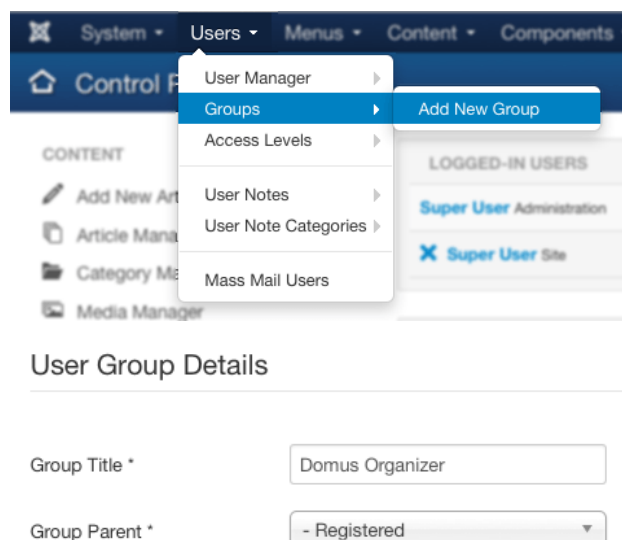
Note on performance

For the first time it is recommended to enable the controls, but after you have defined all the required items you can disable them to increase performance.

Since the information contained within Domus Organizer are reserved, access to the administration part is allowed only to certain types of users.

As first thing, go to Joomla! backend and create a new group. In our opinion we suggest you to create it under the default group *Registered*, in this way you can reduce the risk of conflicting permissions:

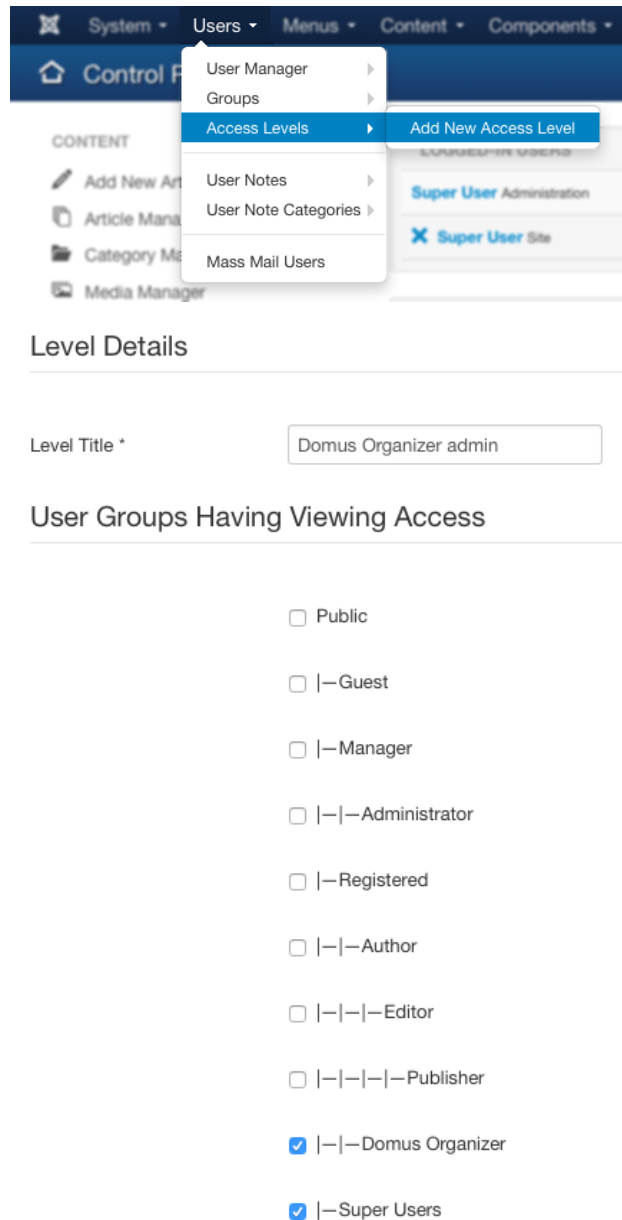
Figure 2.2. Creating a new group for Domus Organizer



The screenshot shows the Joomla! administration interface. At the top, the 'Users' menu is expanded, and the 'Groups' option is selected, leading to the 'Add New Group' button. Below this, the 'User Group Details' form is visible. The 'Group Title' field is filled with 'Domus Organizer'. The 'Group Parent' dropdown menu is set to '- Registered'.

After that, create a new access level, create a new menu item linked to Domus Organizer dashboard and assign the access level to it. In this way, only authorized users will be able to see the menu: we suggest you to add the *Super Users* group, too, so you can test eventual problems as Super Administrator.

Figure 2.3. Creating a new access level for Domus Organizer



The screenshot shows the Domus Organizer control panel. The top navigation bar includes 'System', 'Users', 'Menus', 'Content', and 'Components'. The 'Users' dropdown menu is open, showing options like 'User Manager', 'Groups', 'Access Levels', 'User Notes', 'User Note Categories', and 'Mass Mail Users'. The 'Access Levels' option is selected, and a sub-menu is visible with 'Add New Access Level'. Below the navigation bar, the 'Level Details' form is displayed. It has a 'Level Title' field with the value 'Domus Organizer admin'. Below this, there is a section titled 'User Groups Having Viewing Access' with a list of user groups and checkboxes. The groups are: Public, |—Guest, |—Manager, |—|—Administrator, |—Registered, |—|—Author, |—|—|—Editor, |—|—|—Publisher, |—|—Domus Organizer (checked), and |—Super Users (checked).

System • Users • Menus • Content • Components •

Control Panel

CONTENT

- Add New Article
- Article Manager
- Category Manager
- Media Manager

User Manager
Groups
Access Levels
User Notes
User Note Categories
Mass Mail Users

Add New Access Level

Super User Administration
Super User Site

Level Details

Level Title *

User Groups Having Viewing Access

- ☐ Public
- ☐ |—Guest
- ☐ |—Manager
- ☐ |—|—Administrator
- ☐ |—Registered
- ☐ |—|—Author
- ☐ |—|—|—Editor
- ☐ |—|—|—Publisher
- ☒ |—|—Domus Organizer
- ☒ |—Super Users

Figure 2.4. Creating a new menu entry for Domus Organizer

The screenshot shows the Joomla! menu creation interface. The 'Menu Title' is 'Domus Organizer'. The 'Link Type' is 'Admin dashboard'. The 'Menu Location' is 'Main Menu'. The 'Link' is 'index.php?option=com_domus&vie'. The 'Target Window' is 'Parent'. The 'Template Style' is '- Use Default -'. The 'Parent Item' is 'Menu Item Root'. The 'Ordering' is 'Domus Organizer'. The 'Status' is 'Published'. The 'Default Page' is 'No'. The 'Access' is 'Domus Organizer admin'.

In the options of the component, visible in the backend of your site, go to the Permissions tab. For the group we have just created, enable the actions you need.

Figure 2.5. Domus Organizer permissions

	Action	Select New Setting ¹	Calculated Setting ²
Public	Component administrator	Allowed	Allowed (Super User)
- Guest	Administrative access	Allowed	Allowed (Super User)
- Manager	Create property	Inherited	Allowed (Super User)
-- Administrator	Delete property	Inherited	Allowed (Super User)
- Registered	Edit property	Inherited	Allowed (Super User)
-- Author	Edit own properties	Inherited	Allowed (Super User)
--- Editor	Change property status	Inherited	Allowed (Super User)
---- Publisher	Create customer	Inherited	Allowed (Super User)
-- Domus Organizer	Delete customer	Inherited	Allowed (Super User)
--- First agency	Edit customer	Inherited	Allowed (Super User)
--- Second agency	Edit own customers	Inherited	Allowed (Super User)
- Super Users			

Great, you are ready to start!

Required categories menu entry

Please remember to create a menu entry for the categories view, without any special params (no filters by category nor type). This is required by Joomla! to understand the correct page to visualize while browsing search results or showing the single property.

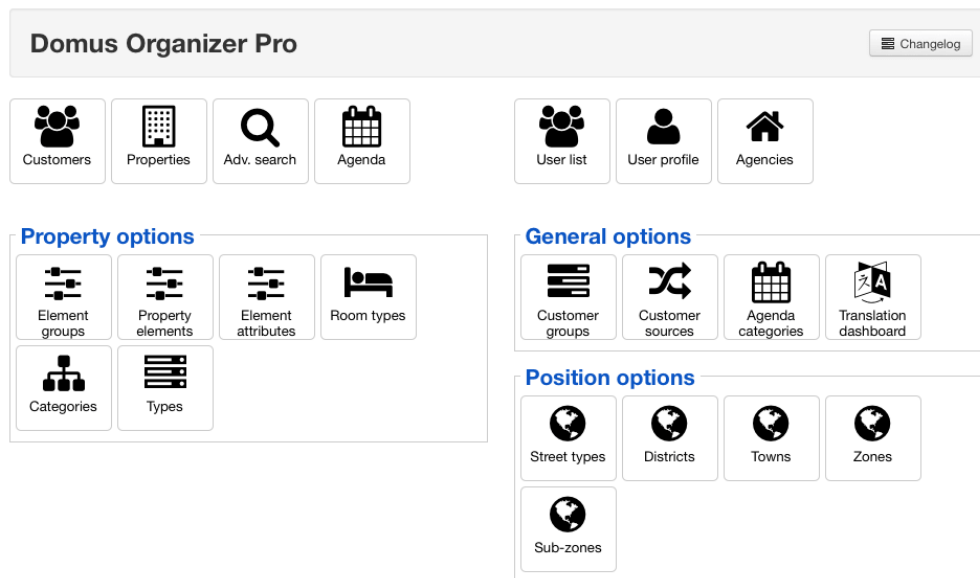
This menu could be hidden, there is no need to show it inside the page: you can simply create a new menu and then add a new menu entry, without assigning any module to it.

Otherwise Joomla will find the administrative page as the fittest one, but this will lead to 403 errors since a guest can't access to the administrative area.

Chapter 3. Base version

The control panel is divided into two parts: the upper part contains links to the most common functions (*Customer List*, *Property list* etc etc), while at the bottom you can find system tables management through several options (*Property options*, *Customer options*, *Position options* etc. etc.).

Figure 3.1. Domus Organizer control panel



1. Customer Management

The correct wording should be *non-property management*, because in this part you will find both the customers themselves, both simple contacts.

You can classify customers into 4 types:

- *Customers*: contacts willing to buy a property
- *Owners*: contacts willing to sell a property
- *Both*: contacts that have both a house for sale and are looking for another one
- *None*: simple contacts (eg Notaries, etc. Manufacturers. etc.).

These types are fixed, whereas the user can create on their own *customer groups*, so you can organize them as you want (for example: Colleagues, Notaries, etc. etc.).

1.1. Customer list

The customer list contains all the names in the archive

Figure 3.2. Customer list

Domus Organizer – Customer list New Delete Back

Search by Go Reset

Order by Last name Type Add date

<input type="checkbox"/>		Morrison Jim Customer group Singers Address Los Angeles •	Agency First agency Phone 555-98756 (555-6845) E-mail jim.morrison@example.com
<input type="checkbox"/>		Lennon John Customer group Singers Address Liverpool •	Agency Second agency Phone 555-687134 (555-321654897) E-mail john.lennon@example.com
<input type="checkbox"/>		Twain Mark Customer group Friends Address Washington D.C. •	Agency First agency Phone 555-11223344 (555-6655432) E-mail mark.twain@example.com
<input type="checkbox"/>		Doe John Customer group Friends Address New York • Central Park 38	Agency First agency Phone 555-324890 (555-548652) E-mail john.doe@example.com

1. Customer details Shows the most important information about the customer: name or company name, phone, email, etc.
2. Customer type The icons indicate the type of customer: Customer, Owner, Both, or None
3. Customer ordering Allows you to sort the list of customers
4. Free search Inside the free search you can enter keywords, automatically generated by Domus Organizer while saving the customer. The indexed fields are the following:
 - *Name, Surname, Company Name*
 - *Email address*
 - *Telephone number* (use digits only, for example 555123456)
 - *VAT number*
 - *Customer type*
 - *Customer group*

So, for example, if we look for *Smith Notaries*, Domus Organizer will suggest all customers with the last name *Smith* and in the group *Notaries*.

1.2. Single customer

The view of each customer is done in two steps: first in read-only mode, after which only authorized users may enter in edit mode.

The page is divided into multiple tabs:

Figure 3.3. Customer sections

General descr. Requests Automatic Search Properties Agenda

General description	Contains general information about the customer: phone, mobile, email, address of residence, etc. etc.
Requests	If the customer is interested in buying a property, in this tab you can enter their requests: contract type, location, rooms, etc. etc.
Automatic Search	Perform some automated search to automatically found properties that could interest this user, you can have more information about this feature in in this page.

Note

This feature is available inside the Professional version of Domus Organizer

Properties	This tab contains the properties associated with the customer
Agenda	View all the events that are linked to this customer, you can have more information about this feature in this page.

Note

This feature is available inside the Professional version of Domus Organizer

1.2.1. Customer - General description

This tab contains the general information of the customer: name, surname, date of birth, etc. etc. To create a new subject, you must enter the surname or the company name: all other information are optional.

Figure 3.4. Customer general info

General descr.			
Type	Customer	Customer group	Friends
Name	John	Last name	Doe
Comp. name	Comp. name	VAT nr.	VAT nr.
Sex	Man		
Phone	555-324890	Fax	555-6548621
Mobile	555-548652	E-mail	john.doe@example.com

Residence			
Distr./Town/ZIP	New York	New York	
Address	- Select	Central Park	38

Personal data		
Date of birth	1972-03-15	
Distr./Town of birth	New York	New York
Prev. num.	1234567890123	

Other	
Source	Word of mouth
Notes	Notes

Added by	Add date	Tuesday, 06 March 2012 07:15
Modified by	Date modified	Monday, 17 December 2012 16:03

1.2.2. Customer - Requests

This tab contains the customer's requirements in the search for a new property:

Figure 3.5. Customer requests

General descr.

Type

Sale

Max price

1

Min. space

80

Max floor

4

Max units

0

First category

» Apartment - Condo

Second category

- Select -

Third category

- Select -

1

Position requests

District	Town	Zone	Sub-zone
Washington	Washington D.C.	- Select -	- Select -
New York	New York	- Select -	- Select -

2

Add a zone

Property details

Property condition

To renovate

Occupation

Available Soon

Exposition

West

Furniture

Newly furnished

Floor

- Select -

Levels

- Select -

Energy class

- Select -

Stable details

Building type

- Select -

Building condition

- Select -

Year of built

Year of renovation

Total floors

Property units

Details

Air condition

- Select -

Garden

- Select -

Parkarea

- Select -

Garage

- Select -

Garden surface

Lift

- Select -

Reception

- Select -

Top floor

- Select -

Heating details

Heating

- Select -

Heating supply

- Select -

Heating power

- Select -

Room requests

Room	N°
Bedroom	1

3

Add room

- Category request You can enter up to 3 different categories, in order to satisfy even the somewhat undecided
- Position request For each record, you can enter the District, Town, Zone and Subzone; to widen the search you can leave empty the field sub-zone or zone, so you have less stringent requirements.
- Rooms request Enter a record for each room type requested by the client and save the required amount (eg. 2 Bathrooms, 2 Bedrooms and 1 Double).

13

1.2.3. Customer - Properties

In the event that the customer is the owner of one or more properties, you will see them in list below.

Figure 3.6. Customer properties

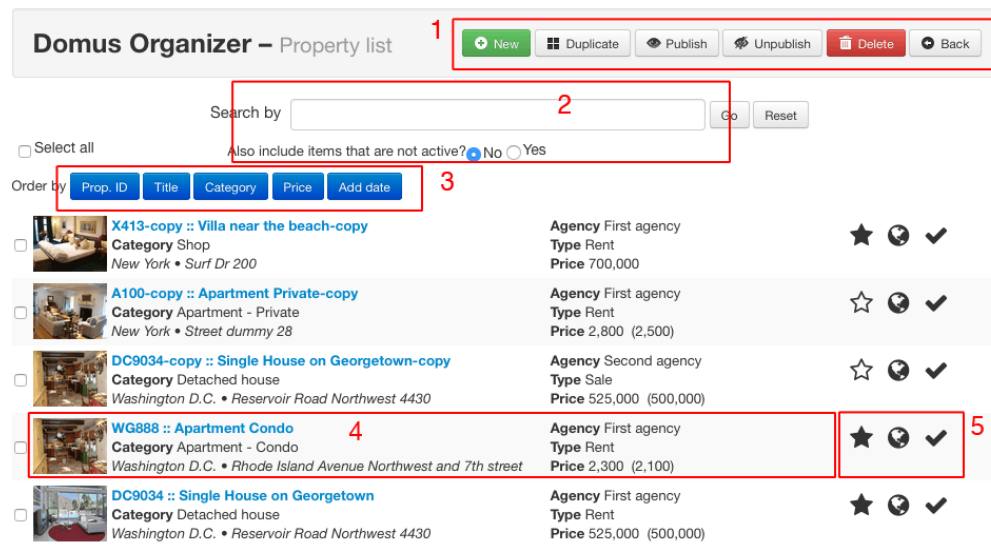


1. Remove link To remove a property connected to the client, click the icon.

2. Properties management

2.1. Property list

Figure 3.7. Property list



1. Toolbar The toolbar is activated depending on the permissions assigned to you. In addition to the classic ones (create / delete), you can also *copy* and *publish* one or more properties.

In the first case, in addition to the property itself, properties are copied along with any additional information: rooms, owners, images etc. etc.

The publication, however, concerns the visibility on your site: in this way you can add or remove several buildings in a single operation.

2. Free search Inside the free search you can enter keywords, automatically generated by Domus Organizer while save the building. The indexed fields are the following:

- *Title, reference and owners*
- *Type, category*

- *Town, address*

So, for example, if we search for *New York Apartment*, Domus Organizer will offer all of the buildings in *New York* and which belong to the category Apartment.

Through the field *Also items that are not active?* you can include / exclude the property according to their internal publication.

- | | |
|------------------------|---|
| 3. Property sort | You can sort the list of properties |
| 4. Property details | Shows the most important information of the property: reference, title, type, contract, owner, price (in brackets the minimum price). |
| 5. Property publishing | <p>Via four icons, you can have the information on the general publication of the property.</p> <p>Icons indicate, respectively:</p> <ul style="list-style-type: none"> • Hot property • Publication on your website • Internal publishing |

2.2. Single property

All information about the property is divided into several tabs:

Figure 3.8. Property sections



- | | |
|---------------------|---|
| General description | Contains general information on the property (reference number, title, price etc etc) |
| Details | Contains details of the property (surface, rooms, year built, etc. etc.) |
| Automatic Search | Perform some automated search to automatically found customers that could interest this property, you can have more information about this feature in in this page. |

Note

This feature is available inside the Professional version of Domus Organizer

- | | |
|----------|--|
| Position | Contains the location of the property and the map of Google map for precise positioning |
| Images | Complete list of images associated to the property |
| Owners | List of property owners and management |
| Agenda | View all the events that are linked to this property, you can have more information about this feature in this page. |

Note

This feature is available inside the Professional version of Domus Organizer

2.2.1. Property - General description

Multilanguage support

Multilanguage support (property title and description translation) is available on *PRO* version only.

For further info and correct configuration, please take a look at the related entry inside the manual

Figure 3.9. Property general info

The screenshot shows a web form for property general information. The form is divided into several sections. The top section contains fields for Prop. ID, Type, Category, Title, Internal publishing, Show complete address, Start position, End position, Price, Min. price, and Space. The middle section contains a Description editor and a Translations section. The bottom section contains Internal notes and a Metadescription field. Red boxes and numbers are used to highlight specific parts of the form.

1. Prop. ID * WG888

2. Type * Rent

3. Category * » Apartment - Condo

4. Title Apartment Condo

5. Internal publishing Published

6. Show complete address Always

7. Start position 2012-12-18

8. End position 2013-12-18

9. Price 2,300

10. Min. price 2,100

11. Space 280.00

12. Description (show on site) - en-GB

13. Translations

14. Internal notes (NOT shown on site)

15. Metadescription

16. Negotiable

17. Private treaty

18. Exclusive

19. Publish on site

20. Hot

1. Reference It's the identification number of the property, it can be a combination of numbers or letters. *Must be unique.*
2. Type The type of the property. New types can be added and managed through the system tables
3. Category Property category; each element can be associated with only one category.

4. Title	Title of the property, although not obligatory, you should always put in since it's used to generate more readable and attractive urls to the search engines (SEF url)
5. Internal publishing	<p>With this field you can manage the internal publication: when a property is no longer available (rented, assignment expired etc. etc.), simply edit this field to prevent the property from appearing on internal search results.</p> <p>Of course, a property not available internally will not be visible in the public area.</p>
6. Show complete address options	Inside component params you can decide when showing the complete address of a property and its marker on the map. However, here you can override this settings for every element, so you'll be able to show (or hide) the complete address for some properties only.
7. Start/End position	Start/End position date
8. Price	<p>The asking price for the property. Always enter this value, even in the case of private treaty (in this case remember to tick the flag just below), as used in the searches by price. Domus Organizer will be responsible for show / hide it as needed.</p> <p>The field <i>Price min</i> refers instead to the threshold beyond which the owner does not want to get off.</p>
9. Surface	Property surface
10. Additional options	<p>In this box there are some additional options for the property:</p> <ul style="list-style-type: none">• <i>Negotiable</i> Indicates whether the property price is negotiable or not• <i>Private treaty</i> By checking this field, the price of the property will become invisible in the public area. In public searches by price range, in addition, the property will be always included in search results (the user can not know its real value)• <i>Exclusive</i> Indicates whether the property has been entrusted exclusively to the estate agency• <i>Publish on site</i> Is the property visible from the public?• <i>Hot</i> Is the property hot?
11. Public description	Text visible in the public description of the property, you can insert HTML
12. Internal notes	Internal memos not publicly visible.
13. Metadescription	<p>Text used for the meta description of the page, presented by search engines results list.</p> <p>If left empty, Domus Organizer will create one automatically using these fields: <i>Town</i>, <i>District</i>, <i>Category</i>, <i>Type</i>.</p>

2.2.2. Property - Details

Figure 3.10. Property details

Property details

Property condition

Occupation

Exposition

Furniture

Floor

Levels

Energy class

Heating details

Heating

Heating supply

Heating power

Stable details

Building type

Building condition

Year of built

Year of renovation

Total floors

Property units

Details

Air condition

Garden

Parkarea

Garage






Garden surface


Lift

Reception

Top floor

More details

	Room type ²	Space
	<input type="text" value="Bathroom"/>	<input type="text" value="0.00"/>
	<input type="text" value="Bedroom"/>	<input type="text" value="0.00"/>
	<input type="text" value="Bedroom"/>	<input type="text" value="0.00"/>
	<input type="text" value="Living room"/>	<input type="text" value="0.00"/>
	<input type="text" value="Balcony"/>	<input type="text" value="0.00"/>

 Add room

1. Property details

This tab contains all the details on the property: year of construction, surface, exposure, etc. etc.

Every option is customizable and they are built starting from Element groups and Property elements

2. Property rooms The rooms of the property. For greater efficiency in research, we strongly recommend the inclusion of an item for each room: for example, if an apartment has three bedrooms, two bathrooms and a kitchen, add a total of six lines.

Adding rooms here will automatically update the fields that are shown in the property list, whose appearance is handled by component params, option **Show rooms** in the **Frontend** tab.

2.2.3. Property - Position

Google Stret View

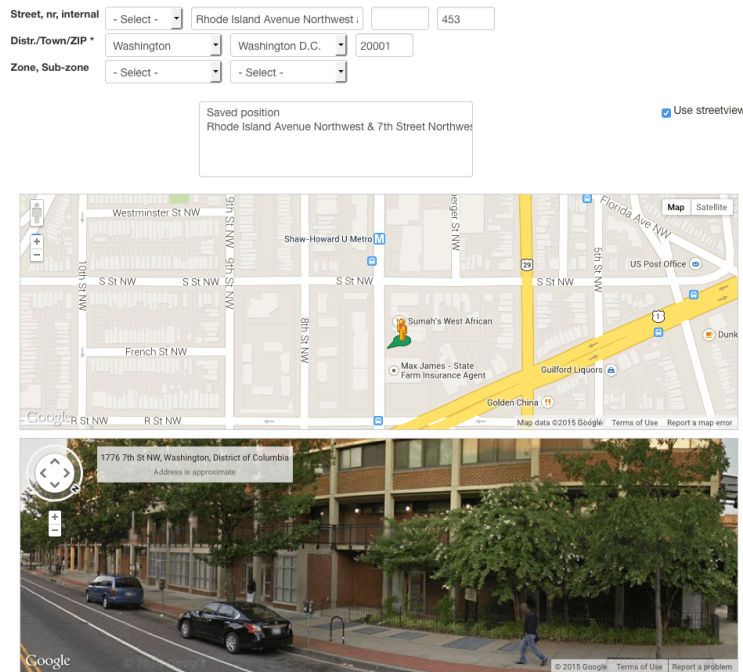
Google Street View feature is available on *PRO* version only.

For further info and correct configuration, please take a look at the related entry inside the manual

Domus Organizer offers a system of very precise positioning via Google maps. Once you have entered a address, it will automatically be converted to its coordinates and displayed on the map, so you can change any position not exact.

Furthermore, in case the address corresponds to more than one location, Domus Organizer will propose them in the box below; however you can adjust the marker simply clicking on the map.

Figure 3.11. Property position



1. Property address The address entered here will be shown in all parts of the site and used to find the associated coordinates.
2. Box selection position In the case in which the same address correspond to more than one location, the various options will fill this box, for an easier selection.


2.2.4. Property - Images

For each property you can associate multiple images, assigning each a title and a description. Only the photos published will be used for the creation of the public gallery; the title and the description, instead will be used inside modules.

To set image order, click and drag an image: Domus Organizer will save it automatically

Figure 3.12. Property images


Photo preview



Title

Description

Published ☒



Title

Description

Published ☒

Select files
Add files to the upload queue and click the start button.

Filename	Size	Status	
cucina_119.JPG	172 KB	0%	3
cucinai_037.JPG	174 KB	0%	
		346 KB	0%

1 **2**

Domus Organizer offers you a simple and useful tool to upload multiple images at the same time:

1. First of all choose the images you want to upload
2. Click on *Start upload*
3. Progress and any errors will be displayed here

Save before uploading!

In order to upload photos you have to save the property, otherwise it will be hidden.

Images size, uploading time and resizing

Domus Organizer can resize uploaded images, but this happens at server side

This means that if you have a 2000 pixel images, 3 Mb large, you'll have to fully upload it before our extension will be able to start his resizing job. If you can, please try to shrink image dimensions, so you can cut down uploading and processing times.

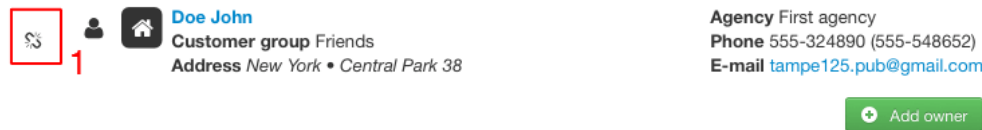
Images and watermark

If requested, Domus Organizer will apply a physical watermark on the image to protect their ownership (you can do that inside component options). This means that if you later decide to change the text or the type of the watermark, images won't automatically update: you'll have to upload them again.

2.2.5. Property - Owners

If the property has one or more owners, they will be displayed here.

Figure 3.13. Property owners



1. Remove link In order to remove a customer linked to the property, click on the icon.

3. Public area

The public area is the section visible to users of your site.

In this area, you will find only the properties that meet the following requirements:

- property category is published
- property type is published
- the property is published on the web

Web publishing and internal publishing

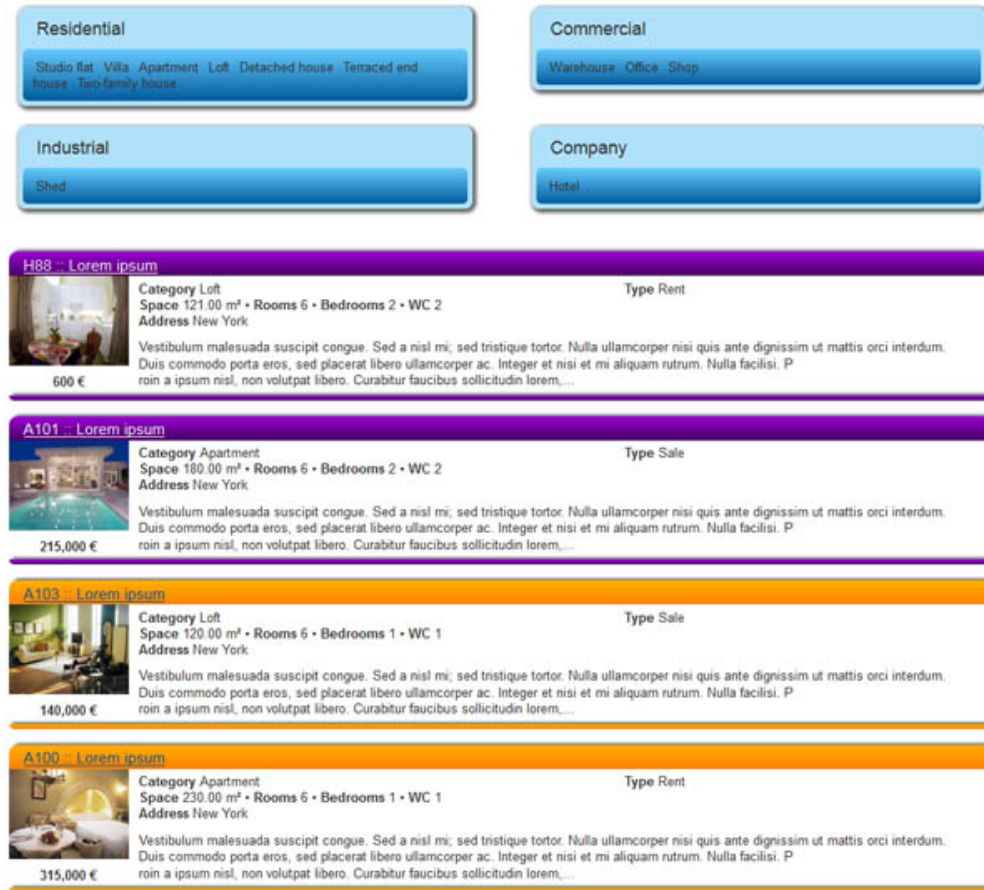
Domus Organizer manages two different types of publication. The single property can be published internally (so it appears in the list of active properties, in the search results, etc. etc.), but remains "hidden" at the web.

In this way you can separate the properties that you want to manage independently from those that want to publish on the your site.

3.1. Category list

The list of categories is the main page of the public area: here you can find all the categories published on your site.

The upper part shows the categories and related sub-categories, while in the lower part there are the properties: Hot properties assume a different color (purple) than normal.

Figure 3.14. Categories list: frontend layout

Customize the look

Inside Domus Organizer the style of each element is defined by stylesheets: each part (rounded corners, shadows and gradient background) is obtained using CSS3. This means that if you want to change the standard layout so that it fits better to the template of your site, you can do it without too much trouble: you do not need to create new images or other graphics, just override the original CSS.

Multilanguage support

Multilanguage support (property title and description, categories and types translations) is available on *PRO* version only.

For further info and correct configuration, please take a look at the related entry inside the manual

You can configure some aspects of this view through the menu options.

Figure 3.15. Categories view: menu params

Show categories items count ☒ No ☐ Yes

Show properties below

Number of hot properties

Number of normal properties

1. Display number of properties Should be shown the number of properties in each category?
2. Display properties Properties should be shown below the list of categories? You can assign the following values:
 - *None* Properties are hidden
 - *All properties* Shows all the properties, both normal and hot
 - *Hot properties only* Show only hot properties
 - *Hot properties and normal ones (separate lists)* First shows the hot properties, then the normal ones

Properties pagination

Properties can be paginated only in the *All properties* option.

3. Number of hot properties Hot properties limit
4. Number of normal properties Normal properties limit

3.2. Single category

Multilanguage support

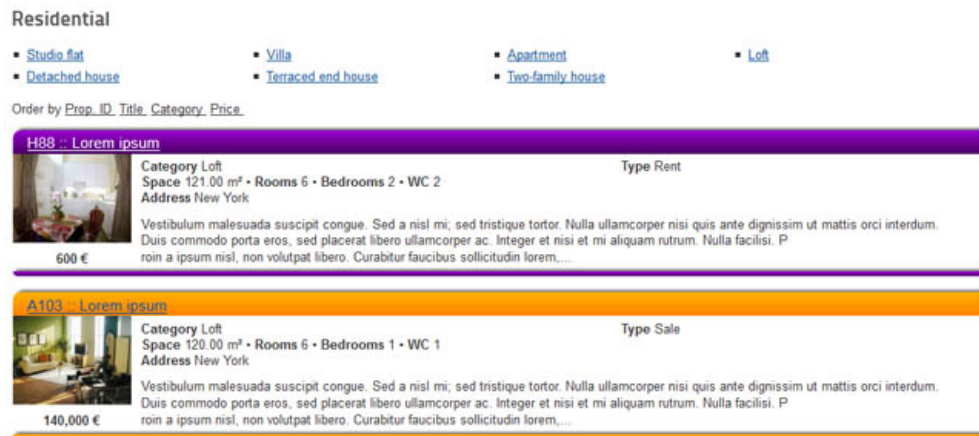
Multilanguage support (property title and description, categories and types translations) is available on *PRO* version only.

For further info and correct configuration, please take a look at the related entry inside the manual

Within each category, you can find sub-categories and properties contained inside it.

The user can sort the list by *Object id* , *Title* , *Category* and *Price* .

Figure 3.16. Category view: frontend layout



You can create a menu entry linked to a specific category or type using menu params.

Figure 3.17. Category list: menu params

Type	<input type="text" value="Rent"/>
Category	<input type="text" value="->Residential"/>

If, as example, we choose *Rent* and *Residential*, Domus Organizer will show only properties that fullfill this requirement.

3.3. Single property

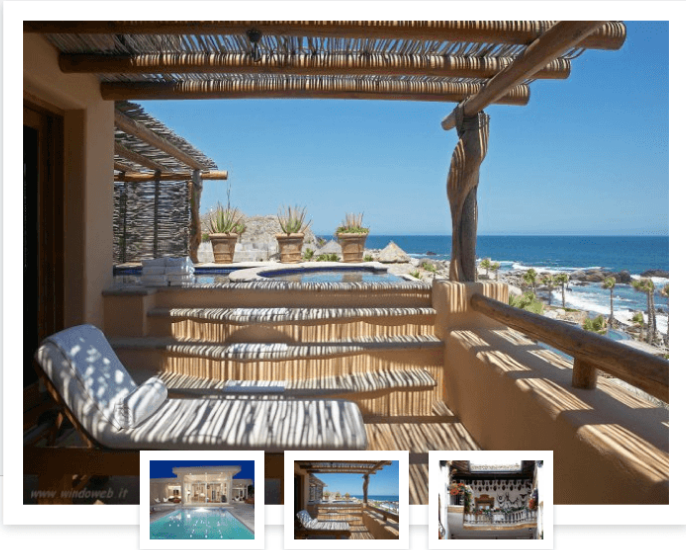
For each property shows information contained within it: on the left you can find the public description, and on the right you see the attributes and details of the property.

Domus Organizer automatically generates a slideshow from photos related to the property, by clicking on one of them, the image magnification will open.

The button Contact gives the user the ability to send an information request message for the current property, while in the lower part there is a map that shows its location.

Figure 3.18. Property view: frontend layout

DC9034::Single House on Georgetown

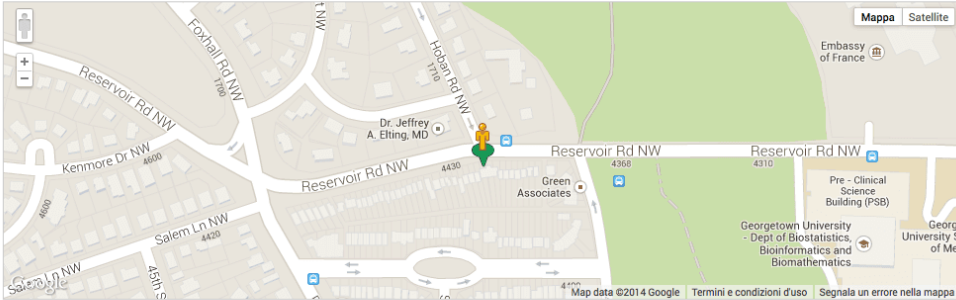


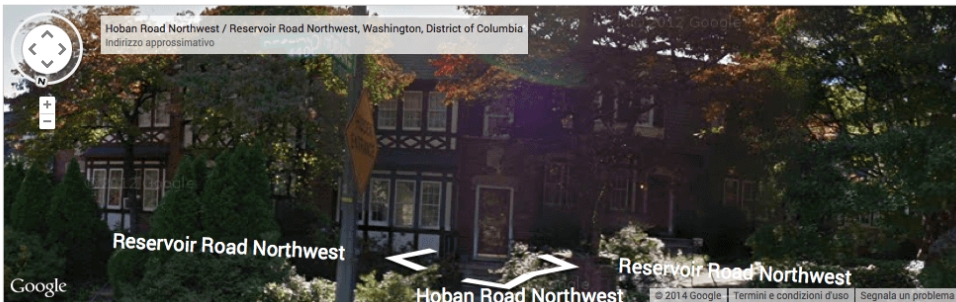
[Print](#)[Contact](#)

Category	Detached house	Type	Rent
Price	525,000 €	Space	240.00 m²
Hits	6		
Rooms	3 Bedrooms, 1 Bathrooms, 8 Total rooms		
Address	Washington D.C.		

Praesent tincidunt sapien eget ipsum suscipit a consectetur est gravida. Cras quam erat, blandit vitae ultrices id, laoreet a ante. Donec sit amet lectus turpis. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Etiam sagittis facilisis massa consequat faucibus. Praesent auctor; nibh vitae vestibulum posuere, lacus quam luctus dui, a euismod felis urna eu tortor. Ut facilisis ultricies semper. Suspendisse potenti. Curabitur facilisis, odio ut aliquam venenatis, massa arcu accumsan urna; quis imperdiet est purus quis nisi. Sed molestie tristique dolor, ac sollicitudin nulla adipiscing vestibulum.

Property details	
Property condition	New
Occupation	Available Soon
Exposition	Est
Furniture	Used furnished
Stable details	
Heating details	
Details	





Multilanguage support

Multilanguage support (property title and description, categories and types translations) is available on *PRO* version only.

For further info and correct configuration, please take a look at the related entry inside the manual

Google Stret View

Google Street View feature is available on *PRO* version only.

For further info and correct configuration, please take a look at the related entry inside the manual

PDF print

PDF printing is available on *PRO* version only, Free one only offers a layout for paper printing.

For further info and correct configuration, please take a look at the related entry inside the manual

You can create a menu entry linked to a specific property, using menu params: simply insert the property ID and Domus Organizer will show the property.

Figure 3.19. Property view: menu params

Prop. ID

Showing address and exclusive properties

It's possible to configure Domus Organizer so that it shows the address in a different way depending on whether the property is exclusively or not.

In fact, using the options of the component, we can show the address (and the marker on the map) only if the agency has the exclusive on the property, otherwise you will see only the city and the map will have a lower magnification, so as to indicate the area without providing the exact address.

However, you can override component options setting a specific behavior directly inside the property. In this way you can force Domus Organizer to show (or hide) the complete address.

4. Modules

4.1. Search Module

Your site could have a lot of properties, but if your visitors can't find them... well they're pretty useless. That's why we have developed a powerful search module:

Domus Organizer: search module

- Category -

- Type -

- Price -

Prop. ID

- District -

- Town -

- Zone -

- Sub-zone -

- Rooms -

Submit

Module configuration params

By default Domus Organizer will always display these fields:

Category Search by category; only categories with at least one property will be displayed

Type	Search by property type
Price	Search by price range. You can create these ranges inside Component params; moreover you can define custom ranges for specific types

Inside Joomla backend you can easily customize the layout of the module using configuration options:

Domus Organizer: search module

Site

Domus Organizer search module

Result page ItemId	<input type="text" value="0"/>
Show Prop. ID	<input type="text" value="Yes"/>
Show districts	<input type="text" value="Yes"/>
Show zones	<input type="text" value="Yes"/>
Show sub-zones	<input type="text" value="Yes"/>
Show rooms	<input type="text" value="Yes"/>
Extra fields	<div> <input type="text" value="Furniture"/> <input type="text" value="Property condition"/> <input type="text" value="Year of built"/> </div>

Result page ItemId	This is the menu ID that will be used for search results. It's useful when you want to redirect your visitors to a specific result page instead of using the automatic calculated one
Show Prop. ID	Do you want to allow search by Property ID?
Show districts	Do you want to enable search by district?
Show zones	Do you want to enable search by zones?
Show sub-zones	Do you want to enable search for sub-zones?
Show rooms	Do you want to enable search for rooms?
Extra fields	<p>Here you can add property elements to the search form. Every field will be rendered accordingly to its type: Select fields will become drop-downs, while input fields will be paired with an "Operator" drop down. In this way, your users will be able to search for bigger or lower values of an input field.</p> <p>Please note that for optimal result you should display fields that hold a numeric value, such as the Year or Built of the Number of Apartments.</p>

Important

Support for extra fields inside search module is available in Pro version only

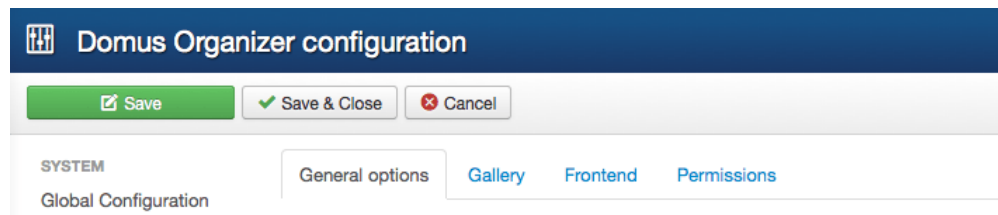
5. Configuration options

5.1. Component params

Domus Organizer is very flexible to meet the needs of different customers.

As default values were inserted those most commonly used, however you can edit them to meet your individual needs.

Figure 3.20. Component params: sections



1. General options Contains options at a general level (currency symbol, decimal position etc. etc.).
2. Gallery Inside this tab there are the options for creating the photo gallery (resizing, watermark etc. etc.).
3. Frontend Contains the parameters for displaying properties in the public area.
4. Permissions Inside you can find the permission management of Joomla!, in order to be able to grant the component access only to a certain kind of users.

5.1.1. General options

Figure 3.21. Component params: general options

Download ID	<input type="text"/>
Currency symbol	<input type="text" value="€"/>
Currency symbol position	<input type="text" value="After"/>
Space unit	<input type="text" value="m2"/>
Number of decimals	<input type="text" value="0"/>
Decimal separator	<input type="text" value="."/>
Thousands separator	<input type="text" value="."/>
Advanced params	
Run checks	<input type="text" value="Yes"/>

Download ID	If you purchased the professional version, you have to insert your download ID in order to be able to update your component automatically.
Currency Symbol, Symbol position, Space unit, decimal number, decimal separator, thousands separator	Through these options, you can modify the presentation and format of the amounts and the surface.
Space unit	Edits surface format.
Run checks	Domus Organizer automatically checks to see if all the information required are ok (for example if there are categories, types, attributes of the property and so on). They are very useful at the beginning, then they can be disabled to increase performance.

5.1.2. Gallery

When uploading photos, Domus Organizer resizes the photos and, if required, applies a watermark.

Figure 3.22. Component params: gallery options

Agency logo width	<input type="text" value="150"/>	Watermark options	
Agency logo height	<input type="text" value="150"/>		
Agent photo width	<input type="text" value="100"/>	Apply watermark?	<input type="text" value="Yes"/>
Agent photo height	<input type="text" value="120"/>	Watermark type	<input type="text" value="Text"/>
Photo width	<input type="text" value="640"/>	Watermark text	<input type="text"/>
Photo height	<input type="text" value="480"/>	Watermark image	<input type="text" value="images/watermark.jpg"/>
Thumb width	<input type="text" value="160"/>	Position	<input type="text" value="Center"/>
Thumb height	<input type="text" value="120"/>	Fontsize	<input type="text" value="14"/>
Beautify images (PRO only)	<input type="text" value="No"/>	Angle	<input type="text" value="0"/>
Image folder path	<input type="text" value="media/com_domus/photos/"/>		
Default missing image	<input type="text" value="media/com_domus/images/nopic.p"/>		

Agency logo height, agency logo width	Height and width of the agency logo
Photo width, photo height	Pixel values relative to the size of the resized photo. Pay attention to the ratio of height / width: if the uploaded photo has a different ratio, Domus Organizer will try to get as close as possible.
Thumbnail Width, Thumbnail Height	Pixel values related to the image thumbnail.
Beautify images	Domus Organizer will apply some contrast and and brightness to beautify your images. You can enabled/disable it switching this option This option is available on <i>PRO</i> version only, for further info and correct configuration, please take a look at the related entry inside the manual
Images folder path	Path containing the images of properties: the folder must be writable in order to save the resized images.
Default missing image	If the property has no photo to display, you can show a standard image: for example the logo of your agency.
Add watermark	If you want, you can add a watermark on your images; this could be a text string or an image (the latter option is available on pro version only)
Watermark type	Should Domus Organizer apply a text watermark or an image one? Image watermark are available on <i>PRO</i> version only, for further info and correct configuration, please take a look at the related entry inside the manual
Watermark text	Text watermark to apply; in the case where there is no text, Domus Organizer will use the following string: (c) <year> <URL> - powered by Domus Organizer

Watermark image	Path to the image that will be used as watermark
Position	Watermark position, you can choose between the following values: <ul style="list-style-type: none"> • Top left • Top right • Center • Bottom left • Bottom right
Fontsize	Fontsize used while creating a text watermark
Angle	Angle of the watermark, you can choose values from -90 to +90 degrees

5.1.3. Frontend

Figure 3.23. Component params: frontend options

Pro version settings	Free version settings
Print type <input type="text" value="PDF"/>	Full address format <div>en-GB=[STREET_TYPE] [STREET] [STREET_NUM], [TOWN] [DISTR] it-IT=[STREET_TYPE] [STREET] [STREET_NUM], [TOWN] [DISTR]</div>
Use extended font <input type="text" value="No"/>	Hidden address format <div>en-GB=[TOWN] it-IT=[TOWN]</div>
PDF images <input type="text" value="Use link"/>	Property description limit (words) <input type="text" value="50"/>
PDF orientation <input type="text" value="Vertical"/>	Hide empty property attribute fields <input type="text" value="Yes"/>
Print header <input type="text" value="Yes"/>	Show complete address <input type="text" value="Always"/>
Print footer <input type="text" value="Yes"/>	Show property hits <input type="text" value="Yes"/>
Margin left <input type="text" value="15"/>	Show rooms <input type="text" value="Display only bathrooms and ..."/>
Margin right <input type="text" value="15"/>	Price search range <div>100000 150000 200000</div>
Margin top <input type="text" value="35"/>	
Show assigned user <input type="text" value="Yes"/>	
Redirect contact emails to assigned user <input type="text" value="Yes"/>	
Main language <input type="text" value="English (en-GB)"/>	
Run content plugins <input type="text" value="Yes"/>	
Agenda - Show weekends <input type="text" value="Yes"/>	

Domus Organizer PRO

Following options are used on PRO version only

Print type	Print type: a ready-to-download PDF or a print-on-paper friendly version?
Use extended fonts	Enable this option if you're using special chars such as ž, š, #.

Additional fonts

Please take a look at this page for further details on how correctly use this option

PDF layout	PDF layout: horizontal or vertical?
Print header / footer	PDF header and footer should be printed?
PDF margins	In these three fields you can set custom margin values. In this way you can adapt your document body with its content.

PDF print

For further info and correct configuration, please take a look at the related entry inside the manual

Show assigned user	Inside the pro version you can assign the property to an agent. Enabling this option, the public property page will show the agency details and the agent ones, too.
Redirect contact emails to assigned user	Enabling this option, contact email regarding a property will be sent to the assigned agent; the agency, however, will get a copy of the sent message.

Agent assigned to properties

For further info and correct configuration, please take a look at the related entry inside the manual

Main language	What's your site main language? Setting it, Domus Organizer will remove it from available translations.
---------------	---

Multilanguage support

For further info and correct configuration, please take a look at the related entry inside the manual

Run content plugins	Should Domus Organizer trigger content plugins inside the public property view? Disable this option if you're facing issues or you're not interested in this feature.
---------------------	---

Run content plugins

For further info and correct configuration, please take a look at the related entry inside the manual

Domus Organizer FREE

Following options are valid on both PRO and FREE versions

Full address format / Hidden address format	Different countries have different formats for addresses; in these fields you can specify your own format for address. In the first case it will be used when the complete address is displayed, the second one is used when the limited address is requested.
---	--

The following tokens are available:

- [STREET_TYPE] Type of the street
- [STREET] Street name
- [STREET_NUM] Address number of the property

- **[ZIP]** Zipcode
- **[TOWN]** Town of the property
- **[DISTR]** District of the property

Multilanguage and format address

You can use multiple address formats, associated with a specific language. In this way you could have a different address for the English language and another one for the German one.

You have to write each format address one per line, prefixed with the language tag (for example **en-GB**):

```
en-GB=[STREET_TYPE] [STREET] [STREET_NUM], [TOWN] [DISTR]
it-IT=[STREET_TYPE] [STREET] [STREET_NUM], [ZIP] [TOWN]
```

In this way Domus Organizer will build the correct address depending on language used on the site. For further information about the multilanguage feature please refer to this chapter of the manual.

Property description limit (words)	Limits the amount of words that will be displayed in the list of properties
Hide empty property attribute fields	Always show every property attribute or only when they have a value?
Show complete address	<p>With this option, you can decide if and when to display the full address for a property. The possible values are:</p> <ul style="list-style-type: none">• Never• Always• Exclusive properties only <p>In the event that the full address is shown, the property will also be indicated on the map in the public area.</p> <p>This is the general default setting, however you can setup an exception for a specific property using the field Show complete address options inside property general details tab</p>
Show property hits	Property web visits should be displayed?
Show rooms	<p>With this option you can choose if and how displaying the rooms on frontend. You could choose from the following values:</p> <ul style="list-style-type: none">• Do not display Simply don't display anything• Display only bathrooms and bedrooms Display only the amount of bedrooms and bathrooms, then group all other rooms together, for example: <i>2 bedrooms, 1 bathroom, 5 rooms</i>• Display every room (with surface) Display the full list of the rooms with their surface, too

- **Display every room (without surface)** Display the full list of the rooms but hide their surface

Price search
range

The values entered in this field will be used as default by the search module to create price ranges, Domus Organizer will create automatically lower and upper values; however, you can create specific price range for each type inside the type management page.

For example, the amounts shown in the image will generate the the following bands:

- < 100.000
- 100.000 - 150.000
- 150.000 - 200.000
- > 200.000

5.1.4. Permissions

Since the information contained in the management are highly sensitive, make sure that they can only be accessed by authorized users.

We suggest, therefore, to create a group of Joomla! and an appropriate access level dedicated solely to agency.

Figure 3.24. Component params: permissions

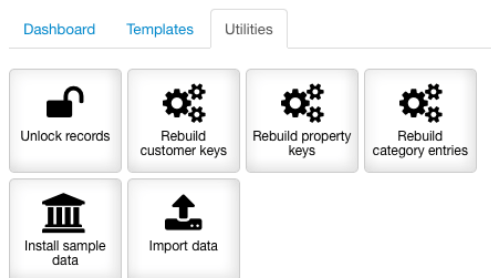
Public	Action	Select New Setting ¹	Calculated Setting ²
- Guest	Component administrator	Allowed	Allowed (Super User)
- Manager	Administrative access	Allowed	Allowed (Super User)
-- Administrator	Create property	Inherited	Allowed (Super User)
- Registered	Delete property	Inherited	Allowed (Super User)
-- Author	Edit property	Inherited	Allowed (Super User)
--- Editor	Edit own properties	Inherited	Allowed (Super User)
---- Publisher	Change property status	Inherited	Allowed (Super User)
-- Domus Organizer	Create customer	Inherited	Allowed (Super User)
--- First agency	Delete customer	Inherited	Allowed (Super User)
--- Second agency	Edit customer	Inherited	Allowed (Super User)
- Super Users	Edit own customers	Inherited	Allowed (Super User)

Domus Organizer and ACL permissions

On free version Domus Organizer offers only component-wide permissions. Full ACL is supported inside the Professional version, please take a look at this section for further details.

5.2. Utility Functions

On backend, there are some utility functions that allows you to work on several elements at once.

Figure 3.25. Utility functions

Unlock records

To avoid side effects, Domus Organizer prevents saving a record if it is already being edited by another user. In the event that the person who initiated the change does not save or navigate directly to another page, the record continues to be inaccessible to other users.

With this utility function it is possible to unlock all the records, to make them available for editing.

Warning

Warning! Use this feature only if you are *SURE* that no one is making a change, otherwise there may be side effects!

Rebuild customer/property keys

If you decide to change the fields indexed by the free search of customers and properties, you must regenerate the keywords for each record using this feature.

Rebuild categories entries

It will rebuild the number of entries for each category.

Install sample data

This option will install the sample data in your own language, if available, otherwise the data will be entered in English.

Warning!

Installing the sample data will overwrite *ALL EXISTING DATA* !

Complete this operation only on an empty archive or if you want to replace the existent data!

Import data

This feature is available on Domus Organizer Pro only. Please refer to this section for further details.

6. Advanced Configuration

Domus Organizer provides a number of advanced features, so you can customize the product to meet your needs.

6.1. Public area layout override

Advanced template management

Template overrides are very powerful, however you can get a finer control using our Template System available on pro version only.

If you want to change the layout of a particular page, *do not modify directly the file* , but use Joomla! Template Overrides [http://docs.joomla.org/How_to_override_the_output_from_the_Joomla!_core].

Otherwise, if you make an update, you will lose all your changes since the file will be overwritten.

To create a template override create a directory in this path (`___template___` is the path to your current template):

```
___template___/html/com_domus
```

and inside it create a directory for each `view` you want to edit, inserting the custom layout:

```
___template___/html/com_domus/publics/<layout to override>
```

Done! In this way you'll not miss any modification in the case of an update.

To simplify your work, here you can find a small explanation of every layout file and where you can find them:

Public layouts	All public layouts are under this folder: <code>com_domus/views/publics/tmpl</code> , more specifically, this is an explanation of all of them:	
	<code>agencies.php</code>	Layout file used to display all the agencies (only when a proper HTML template is not found). Available only on pro version.
	<code>agency.php</code>	Layout file used to display a single agency (only when a proper HTML template is not found). Available only on pro version.
	<code>agenttplain.php</code>	Layout file used to display a single agent (only when a proper HTML template is not found). Available only on pro version.
	<code>agentsplain.php</code>	Layout file used to display all the agents (only when a proper HTML template is not found). Available only on pro version.
	<code>categories.php</code>	Layout file used to display all the categories
	<code>category.php</code>	Layout file to display a single category
	<code>contact.php</code>	Layout used to display the contact form for a property
	<code>propertiesplain.php</code>	Layout file used to display several properties (only when a proper HTML template is not found). It's used inside the <code>categories</code> , <code>category</code> and <code>agent</code> layout file
	<code>property_pdf.php</code>	Main layout file used in PDF printing. Available only on pro version.
	<code>property_pdffooter.php</code>	Footer layout file used in PDF printing. Available only on pro version.

property_pdfheader.php Header layout used in PDF printing. **Available only on pro version.**

property_print.php Layout file used for paper printing

propertyplain.php Layout file used to display a single property (only when a proper HTML template is not found)

search.php Layout file used to display search results

Module layouts Some modules, for example the properties one, will display data directly from the component. This means that if you want to change the output you have to override this layout and not the module one.

Module layouts are stored in the modules view, this means that you have to use the following path:

____template____/html/com_domus/modules/<layout to override>

Here you can find the following layouts:

propplain.php Layout used to display properties inside the property module.

Admin layouts All folders, excepts the `publics` and the `modules` ones are used inside the admin area.

Most likely you will be interested in customers and properties, so you should override the layouts that are inside the `customers`, `customer`, `properties` and `property` folders.

Template overrides for admin layouts

You are more than welcome to override `publics` or `modules` layouts, but please pay extra attention if you decide to override admin ones: you could introduce bugs or trigger an unexpected behavior!

6.2. CSS and image override

As it is possible to override the layout through the Template Overrides, Domus Organizer implemented, thanks to the FOF framework, the *Media Overrides*.

If you want to make some changes to style sheets, JavaScript files or images in the standard package, you only have to create a new folder in the following location:

____template____/media/com_domus/<css | js | images>/file_to_be_edited

Domus Organizer will understand that there is an override and load your file instead of the default one.

For example, if you want to change the frontend CSS, simply copy the files in the folder:

____template____/media/com_domus/css/frontend.css

and modify it to suit your needs.

7. System tables

Domus Organizer, to meet the needs of customers, it is highly flexible and customizable: all the options (except some cases) are not static, but defined by the user.

Required information

Warning! For proper operation of the extension, all system tables must be populated.

When you first use it is recommended to install the sample data, then you can go to edit individual values according to your needs.

7.1. Categories

Each property belongs to a specific category, categories in turn are organized into two levels.

For example, we can have the category `Residential` and inside it another one named `Apartment`.

Figure 3.26. System tables: Categories

Show entries

Search:

Category	Parent category	Order	Items	Published
<input type="checkbox"/> Residential		1	0	✓
<input type="checkbox"/> Commercial		2	0	✓
<input type="checkbox"/> Industrial		3	0	✓
<input type="checkbox"/> Company		4	0	✓
<input type="checkbox"/> Warehouse	Commercial	1	0	✓
<input type="checkbox"/> Office	Commercial	2	0	✓
<input type="checkbox"/> Shop	Commercial	3	0	✓
<input type="checkbox"/> Hotel	Company	1	0	✓
<input type="checkbox"/> Shed	Industrial	1	0	✓
<input type="checkbox"/> Studio flat	Residential	1	0	✓
<input type="checkbox"/> Villa	Residential	2	0	✓
<input type="checkbox"/> Apartment	Residential	3	0	✓
<input type="checkbox"/> Loft	Residential	4	0	✓
<input type="checkbox"/> Detached house	Residential	5	0	✓
<input type="checkbox"/> Terraced end house	Residential	6	0	✓
<input type="checkbox"/> Two-family house	Residential	7	0	✓

Showing 1 to 16 of 16 entries

First Previous **1** Next Last

Multilanguage support

Multilanguage support is available on *PRO* version only.

For further info and correct configuration, please take a look at the related entry inside the manual

7.2. Types

The property, in addition to being placed inside a category, has a type (eg *Rental* or *Sale*). In this section you can create any number of types, without any limitation.

Figure 3.27. System tables: Types

Type	Order	Published	Custom price range
Rent	1	✓	300 , 500 , 800 , 1200
Sell	2	✓	

Showing 1 to 2 of 2 entries

First Previous 1 Next Last

Here you can create custom price range linked to the type and they will be used inside the search module. For example you'd wish a a different range for properties on rent instead of using the default one:

Figure 3.28. Type details

Title	Rent
Alias	rent
Order	1 Rent
Published	<input type="radio"/> No <input checked="" type="radio"/> Yes
Custom price range	<div>300</div> <div>500</div> <div>800</div> <div>1200</div>

Multilanguage support

Multilanguage support is available on *PRO* version only.

For further info and correct configuration, please take a look at the related entry inside the manual

7.3. Property properties

Every property has several properties: heating type, property and stable condition, exposition etc. etc. Anyway, every real estate agency has different needs: some want to add more details, others don't; some need to detail parkarea type, others, instead, need to detail furniture type.

In order to meet these needs, Domus Organizer adopt a dynamic system of property properties management. In this way, every customer can customize his workarea as he wants:

- *Element groups* They group several elements, for example *Property Details* or *Stable details* etc. etc.
- *Property elements* They are the properties of the property, for example *Air conditions*, *Parkarea*, *Exposition* and so on.
- *Element attributes* These are the values that you can assign to an element.

So, for example, property *Exposition* will be inside the group *Property details* and will have 4 attributes, one for each direction.

Figure 3.29. Property properties

7.3.1. Element groups

For a better user experience, elements are divided into *Element groups*; while displaying property details, Domus Organizer will create a fieldset for every group.

Figure 3.30. System tables: Elements groups

Show entries

Search:

	Title	Published
<input type="checkbox"/>	Details	✓
<input type="checkbox"/>	Heating details	✓
<input type="checkbox"/>	Property details	✓
<input type="checkbox"/>	Stable details	✓

Showing 1 to 4 of 4 entries

First Previous **1** Next Last

Inside every record you will find the list of the elements linked to the current group:

Figure 3.31. Element group detail

Name

Published ☐ No ☒ Yes

Property elements

Show entries

Search:

Name	Type	Group	Published
Air condition	SELECT	Details	✓
Building condition	SELECT	Stable details	✓
Building type	SELECT	Stable details	✓
Energy class	SELECT	Property details	✓
Exposition	SELECT	Property details	✓
Floor	SELECT	Property details	✓
Furniture	SELECT	Property details	✓
Garage	SELECT	Details	✓
Garden	SELECT	Details	✓
Garden surface	INPUT	Details	✓

Showing 1 to 10 of 24 entries

First Previous **1** 2 3 Next Last

Multilanguage support

Multilanguage support is available on *PRO* version only.

For further info and correct configuration, please take a look at the related entry inside the manual

7.3.2. Property elements

Elements are the details of properties, like the *Exposition*, the *Occupation* or the *Year of build*.

Figure 3.32. System tables: Property elements

Show 10 entries

Search:

ID	Name	Group	Type	Published
1	Property condition	Property details	SELECT	✓
2	Occupation	Property details	SELECT	✓
4	Exposition	Property details	SELECT	✓
5	Furniture	Property details	SELECT	✓
7	Floor	Property details	SELECT	✓
8	Level	Property details	SELECT	✓
9	Energy class	Property details	SELECT	✓
10	Heating	Heating details	SELECT	✓
11	Heating supply	Heating details	SELECT	✓
12	Heating power	Heating details	SELECT	✓

Showing 1 to 10 of 24 entries

First Previous 1 2 3 Next Last

In addition to belonging to a group, the elements can be of two types:

- *Select list*: Its possible values are chosen within a set of values, defined through the *Element attributes* that we will see later.
- *Input*: Entering values is free, you get a free text field.

Figure 3.33. Property element detail

Details

Name

Type

Group

Published ☐ No ☒ Yes

Details

Name

Type

Group

Published ☐ No ☒ Yes

If, for example, we want to create the item *Exposure*, this will be of type `Select list` because obviously we can select only a limited number of values (cardinal points).

At the contrary, if we want to create the *Year of build*, most likely it will be of the type `Input`, so we will be able to insert any value.

Select list VS Input

Although more straightforward to use, fields of type `Input` require a greater number of resources, especially in the research phase. For this reason it is advisable to limit its use only in cases really necessary, converting to `Select list` items that have a well-defined range.

For example, the plan of the building or the number of floors of the building, is unlikely to be greater than 10, so it is recommended to create 10 attributes, one per floor. Similarly, for the year of construction is not very important to know the exact year, so you could group the years into decades.

Multilanguage support

Multilanguage support is available on *PRO* version only.

For further info and correct configuration, please take a look at the related entry inside the manual

7.3.3. Element attributes

The attributes of the elements are the various items among which we can choose the value of a given element.

For example, *Exposition* can only have a fixed set of attributes - cardinal points:

- *North*
- *North - Est*
- *Est*
- *South - Est*
- *South*
- *South - West*
- *South*
- *North - West*

Figure 3.34. System tables: Element attributes

Show 10 entries	Type	Description
<input type="checkbox"/>	Air condition	Yes
<input type="checkbox"/>	Air condition	No
<input type="checkbox"/>	Air condition	Predisposition
<input type="checkbox"/>	Building condition	Interventions on the property
<input type="checkbox"/>	Building condition	Very bad
<input type="checkbox"/>	Building condition	Sufficient
<input type="checkbox"/>	Building condition	Decent
<input type="checkbox"/>	Building condition	Good
<input type="checkbox"/>	Building condition	Excellent
<input type="checkbox"/>	Building condition	Renovated

Showing 1 to 10 of 73 entries

First Previous 1 2 3 4 5 Next Last

Multilanguage support

Multilanguage support is available on *PRO* version only.

For further info and correct configuration, please take a look at the related entry inside the manual

7.4. User profile

The user profile contains information related to the current user, the fields related to the phone number and email will be displayed in the properties assigned to agents.

Figure 3.35. System tables: User profile


Name *

Last name *

Joomla user *

Preferred agency *

This will not affect in any way the action this user can do. It's just an help to speed up the work: if available, this agency will be selected while creating a new record (customer or property); moreover it will be used in the public view to assign this user to an agency

Color 

Phone

Mobile

E-mail

Photo Nessun file selezionato

Name	Agent first name
Last name	Agent last name
Joomla user	Joomla user linked to this agent. On pro version, this field is editable only by users that have the Component Administrator permission.
Preferred agency	The agency that the agent is usually using. Please note that this field is used only for aesthetic reasons: it won't affect in any way the action the agent can do.
Color	Color of the agent in the agenda
Phone, Mobile and Email	Contact details of the agent
Photo	Agent profile picture

Properties assigned to agents

Properties assigned to agents feature is available on *PRO* version only.

For further info and correct configuration, please take a look at the related entry inside the manual

Pro field

The field *Preferred Agency* is available on *PRO* version only, since it requires the Support for multiple agencies feature

The field *Photo* is available on *PRO* version only.

7.5. Agency profile

In this section you can enter the details of your agency: be sure to include valid contact details because they will appear in the public area.

Figure 3.36. System tables: Agency profile

Company name *


Address *

Distr./Town/ZIP *

Phone *

Fax

E-mail *

Logo 

Nessun file selezionato.

Properties default access level

Customers default access level

Edit agency profile

In Domus Organizer Pro only users with **Manage agency** permission will be able to edit agency profile. For further details please read the related section.

Domus Organizer ACL system

The **Properties default access level** and **Customer default access level** fields are available in the professional version only, since they are requested by the ACL system.

7.6. Customer groups

Every customer can belong to a group, so you can filter and search more easily.

In this section you can add and edit existing groups. To edit a record, simply double click on the description: when you're done, click the **Ok** button to save.

Figure 3.37. System tables: Customer groups

Show entries

Search:

ID	Descr.
3	<input type="text" value="Collaborators"/> <input type="button" value="OK"/>
1	Friends
2	Notaries
4	Suppliers

Showing 1 to 4 of 4 entries

7.7. Room type

Domus Organizer allows you to enter any number of room types.

Rooms, in turn, are divided into 3 groups:

- *BEDROOM* Includes all rooms used as a bedroom. For example *Room*, *Single room*, *Double room* etc. etc.
- *BATHROOM* Includes all rooms used as a bathroom. For example *Bath*, *Blind Bath* etc. etc.
- *DEFAULT* Contains all other types of rooms.

Figure 3.38. System tables: Room type

Show entries Search:

ID	Group	Description
1	BEDROOM	Lounge
2	DEFAULT	Laundry
3	DEFAULT	Entrance
4	DEFAULT	Closet
5	BATHROOM	Bathroom
6	BEDROOM	Bedroom
7	DEFAULT	Kitchen
8	DEFAULT	Balcony
9	DEFAULT	Terrace
10	DEFAULT	Cellar

Showing 1 to 10 of 12 entries

7.8. Customer source

In order to better understand your customers, you can add the source from which the client is aware of your agency.

Figure 3.39. System tables: Customer source

Double click to edit, press 'Ok' to save

Show entries Search:

ID	Descr.
1	<input type="text" value="Already customer"/> <input type="button" value="OK"/>
7	Entry into agency
4	Internet
3	Newspaper
2	Rinnovo Incarico
5	Signboard
6	Word of mouth

Showing 1 to 7 of 7 entries

7.9. Street type

In this section you can enter a suffix referring to the address (*Street*, *Avenue* and so on).

Figure 3.40. System tables: Street type

Show 10 entries Search:

ID	Descr.
1	Alley
2	Avenue
3	Boulevard
6	Drive
7	Lane
9	Pathway
4	Road
8	Square
5	Street

Showing 1 to 9 of 9 entries

First Previous 1 Next Last

7.10. Districts

Contains a complete list of districts; to avoid unnecessary research, include only those in which your agency has at least one property.

Figure 3.41. System tables: Districts

Show 10 entries Search:

District	Short descr.
<input type="checkbox"/> New York	NY
<input type="checkbox"/> Washington	Wash DC

Showing 1 to 2 of 2 entries

First Previous 1 Next Last

7.11. Towns

Contains a complete list of city; to avoid unnecessary research, include only those in which your agency has at least one property.

Figure 3.42. System tables: Towns

Show 10 entries Search:

ID	Town	District
<input type="checkbox"/> 1 New York		New York
<input type="checkbox"/> 2 Washington D.C.		Washington

Showing 1 to 2 of 2 entries

First Previous 1 Next Last

7.12. Zones

To provide more information on the location of the property, you can specify the zone in which it is located.

For example, some towns extend both inside and on the waterfront, it is necessary that the user knows which part of the city we are talking about.

Figure 3.43. System tables: Zones

	Town	Zone	Sub-zone
<input type="checkbox"/>	New York	Manhattan	Times Square
<input type="checkbox"/>	New York	Manhattan	Harlem
<input type="checkbox"/>	New York	Manhattan	SoHo

Showing 1 to 3 of 3 entries

First Previous 1 Next Last

7.13. Sub-zones

Sometimes the simple zone is not sufficient, we must descend to a greater detail.

Taking the previous example, once we know that the property is located close to the sea, it is important to indicate if it is inside the town or directly overlooking the coast.

Figure 3.44. System tables: Sub-zones

	Town	Zone	Sub-zone
<input type="checkbox"/>	New York	Manhattan	Times Square
<input type="checkbox"/>	New York	Manhattan	Harlem
<input type="checkbox"/>	New York	Manhattan	SoHo

Showing 1 to 3 of 3 entries

First Previous 1 Next Last

Chapter 4. Professional version

Inside Domus Organizer Professional you will find a lot of new features:

- **Full ACL support** Do you want only selected users to be able to see or modify your entries? Do you have a multi-agency site and you want to share the properties, but not the customers? Grant permissions and access levels to the users!
- **Multilanguage support** If your site has international customers you'll have to translate your contents.
- **Template system** With the integrated template system, you can create a different layout for your properties; you can create a specific layout for hot property or for a category or type. And you can do that using Joomla HTML editor!
- **Google Street View** Do you want to show with exact precision where your property is? Turn on Street view service!
- **Agenda** Keep track of all your appointments with customers and properties
- **Support for multiple agencies** Inside the PRO version you can manage more agencies, not just only one.
- **Support for content plugins** Run content plugin inside the property page, so you can extend the standard behavior
- **Support for integration plugins** Extend default Domus Organizer behavior without hacking the component!
- **Import data** Do you have data coming from an external source? Import them!
- **Advanced search** You'll be able to run more effective searches, looking inside customer requests or property details: you'll be able to search for zone, price, number and type of rooms etc. etc.
- **Automatic search** Inside every customer/property, you will find a new tab reserved to the automatic search. Running the search, Domus Organizer will automatically search for properties that could interested your customer.
- **Custom module positions** Add your modules inside Domus Organizer component output
- **Agents assigned to properties** You can assign every property to an agency, that could directly receive contact email
- **Print property PDF** You can enable the option to print out PDF for your properties
- **Custom print templates** Create your own templates with your favorite text editor (Word, OpenOffice, LibreOffice etc etc): Domus Organizer will replace any placeholder with the data saved inside your site
- **Hide elements in public views and search form** If you have any "sensible" information that you don't want to share publicly, create private fields.
- **Image watermark** Instead of standard text watermarks, you can create them using an image
- **Image beautifying** The images are the most important thing in the presentation of a property, rely on this feature to automatically improve them.

Finally you will get several additional modules and plugins!

1. How to download/install

Professional versions are available to users with an active membership. Once you purchased it, you will find the professional packages inside every version; you can install it as a regular Joomla! package.

Updates for Pro versions

To enable automatically updates you must enter your Download ID inside the Download ID field that you can find in the Option page of the component.

After login, you can find the Download ID on our site under *Account » My Subscriptions* menu.

Free versions vs PRO versions, please pay attention!

Never, ever, ever, ever, install a free version on top of a pro one: you could incur in weird result, forcing you to uninstall the extension, losing all of the data you saved!

2. Full ACL support

ACL acronym stands for Access Control List, and it's a fancy word to explain permissions: some users can create, others can create and edit, others can only edit their own records etc etc. For more details and a more formal definition you can take a look on Wikipedia page [http://en.wikipedia.org/wiki/Access_control_list].

Before continuing you should be very familiar with ACL and how it works, here you can find some resources on the topic:

- ACL concepts overview [<http://magazine.joomla.org/issues/issue-jan-2012/item/637-Joomla-1-6,-1-7,-and-2-5-ACL-Concepts-Overview>] (beginners)
- Joomla! ACL: Access Levels [<http://magazine.joomla.org/issues/issue-feb-2012/item/639-Joomla-ACL-Access-Levels>] (beginners; scroll all the way down for a very good video)
- A case for role-based [<http://magazine.joomla.org/issues/Issue-Aug-2012/item/825-A-Case-for-Role-Based-ACL>] ACL (advanced)
- Implementing role-based ACL [<http://magazine.joomla.org/issues/Issue-Sept-2012/item/856-Implementing-Role-Based-ACL>] (advanced)
- ACL Manager [<http://www.aclmanager.net/>] is a third party commercial component which can help you effectively managing ACLs on complex sites.

However, this is a very short sum up of Joomla! ACL.

It is divided in two section: Actions and Access Levels. Each User Group can have different actions and they define what the user can do; Access Levels group several User Groups together and they define what the user can see.

For example, you can see properties belonging to an agency, but you can't edit it nor adding a new one to that agency.

We could provide a long, full of details explanation of Actions and Access Levels, but we preferred to create a set of examples, from the easiest ones to the most difficult ones, where we will play with Joomla! ACL.

2.1. Basic ACL setup

In this section we will cover the basics of setting up the ACL system, we will start from a very easy scenario and we will end up with a more complex one.

We will set component-wide permissions to our users, this means that if an user can see and edit a record, he will be able to do that on every record of the same type. Speaking of permissions, let's take a look at them.

The permissions inside Domus Organizer

Domus Organizer has several actions defined, if you go inside the component options you will find them:

Component administrator (domus.admin)	<p>This permission is required to perform some highly risky or to touch very sensible informations:</p> <ul style="list-style-type: none">• Add a new agency• Delete an agency• Change access level to a customer/property
Administrative access (core.manage)	<p>Users that have this permission set could access to the administrative area of Domus Organizer</p>
Create property (core.prop.create)	<p>This action allows the user to create a new property</p>
Delete property (core.prop.delete)	<p>This action allows the user to delete a property</p>
Edit property (core.prop.edit)	<p>This action allows the user to edit any property</p>
Edit own properties (core.prop.edit.own)	<p>This action allows the user to edit properties he created</p>
Change property status (core.prop.edit.state)	<p>This action allows the user to change the publication state of properties. More specifically, this permission is required to:</p> <ul style="list-style-type: none">• Change the internal publishing of a property• Publish/Unpublish a property from the site• Flag/unflag a property as "hot"
Create customer (core.cust.create)	<p>This action allows the user to create a new customer</p>
Delete customer (core.cust.delete)	<p>This action allows the user to delete a customer</p>
Edit customer (core.cust.edit)	<p>This action allows the user to edit a customer</p>
Edit own customers (core.cust.edit.own)	<p>This action allows the user to edit customers he created</p>

After this brief explanation let's take a look at different scenarios.

2.1.1. Single agency

This is the most common case: you have a single agency with several employees, which can manage properties and customers without any limitation.

Moreover we will have an "Agency owner" that will be able to do everything, without any restrictions.

First of all we have to create the user groups and we will adopt this structure:

Example 4.1. ACL Scenario #1: Group settings

<input type="checkbox"/> Public
<input type="checkbox"/> — Registered
<input type="checkbox"/> — — Domus Organizer
<input type="checkbox"/> — — — Agency owners
<input type="checkbox"/> — — — Employees

Now it's time to set all the permissions.

We could omit creating the Domus Organizer group, since all the permissions are set to **Inherited** which means that it won't add any new action to the group, but we did that for clarity.

The **Employees** group will hold, of course all the employees and it will have these permissions:

Example 4.2. ACL Scenario #1: Employees permissions

	Action	Select New Setting ¹	Calculated Setting ²
Public	Component administrator	Inherited	Not Allowed
— Guest	Administrative access	Allowed	Allowed
— Manager	Create property	Allowed	Allowed
— — Administrator	Delete property	Allowed	Allowed
— Registered	Edit property	Allowed	Allowed
— — Author	Edit own properties	Allowed	Allowed
— — — Editor	Change property status	Allowed	Allowed
— — — — Publisher	Create customer	Allowed	Allowed
— — Domus Organizer	Delete customer	Allowed	Allowed
— — — Agency owners	Edit customer	Allowed	Allowed
— — — Employees	Edit own customers	Allowed	Allowed
— Super Users			

They can do everything but they aren't administrators of the whole component, so some actions are precluded to them.

Users that are inside the **Agency owners** group are the truly "Super users" of the component:

Example 4.3. ACL Scenario #1: Agency owners permissions

Public	Action	Select New Setting ¹	Calculated Setting ²
- Guest	Component administrator	Allowed ▾	Allowed
- Manager	Administrative access	Allowed ▾	Allowed
-- Administrator	Create property	Allowed ▾	Allowed
- Registered	Delete property	Allowed ▾	Allowed
-- Author	Edit property	Allowed ▾	Allowed
--- Editor	Edit own properties	Allowed ▾	Allowed
---- Publisher	Change property status	Allowed ▾	Allowed
-- Domus Organizer	Create customer	Allowed ▾	Allowed
--- Agency owners	Delete customer	Allowed ▾	Allowed
--- Junior Agents	Edit customer	Allowed ▾	Allowed
--- Senior agents	Edit own customers	Allowed ▾	Allowed
- Super Users			

As you can see in the **Calculated Setting** column, they can do everything, since they have the permission **Component administrator**.

One last thing: you have to set the default access levels for your customer and properties. You can do that inside the agency profile, for the moment set them to **Public**, we will talk about those fields later.

Summary

So, what we achieved so far?

First of all, our control panel access is accessible only to employees of the agency. Each of them can see all the customers and all the properties, but they can't edit agency details; we want to double check contact info, so only the **Agency owners** can those info.

Well, it was easy, isn't it? So, now let's move to a more complicated scenario.

2.1.2. Single agency with different permissions

In the previous example we had different employees, but each of them could do everything: add or delete a customer, edit a property or change its publication status.

What if we want different people do different actions?

For example we want junior agents to deal with properties only, while senior ones can edit customer, too; moreover juniors should not edit property publishing options, since they could mess around...

Well, that's very easy!

First of all let's create a group structure like the following one:

Example 4.4. ACL Scenario #2: Group settings

<input type="checkbox"/>	Public
<input type="checkbox"/>	— Registered
<input type="checkbox"/>	— — Domus Organizer
<input type="checkbox"/>	— — — Agency owners
<input type="checkbox"/>	— — — Junior Agents
<input type="checkbox"/>	— — — Senior agents

Again, we have a group for **Agency owners** that have the Component administrator permission (you can take at the previous screenshot), but now we have to more groups, **Junior agents** and **Senior agents**.

These are the permissions for those two groups:

Example 4.5. ACL Scenario #2: Senior agents permissions

Public	Action	Select New Setting ¹	Calculated Setting ²
— Guest	Component administrator	Inherited	Not Allowed
— Manager	Administrative access	Allowed	Allowed
— Administrator	Create property	Allowed	Allowed
— Registered	Delete property	Allowed	Allowed
— Author	Edit property	Allowed	Allowed
— Editor	Edit own properties	Allowed	Allowed
— Publisher	Change property status	Allowed	Allowed
— Domus Organizer	Create customer	Allowed	Allowed
— Agency owners	Delete customer	Allowed	Allowed
— Junior Agents	Edit customer	Allowed	Allowed
— Senior agents	Edit own customers	Allowed	Allowed
— Super Users			

Example 4.6. ACL Scenario #2: Junior agents permissions

Public	Action	Select New Setting ¹	Calculated Setting ²
- Guest	Component administrator	Inherited	Not Allowed
- Manager	Administrative access	Allowed	Allowed
-- Administrator	Create property	Allowed	Allowed
- Registered	Delete property	Allowed	Allowed
-- Author	Edit property	Allowed	Allowed
--- Editor	Edit own properties	Allowed	Allowed
---- Publisher	Change property status	Inherited	Not Allowed
-- Domus Organizer	Create customer	Inherited	Not Allowed
--- Agency owners	Delete customer	Inherited	Not Allowed
---- Junior Agents	Edit customer	Inherited	Not Allowed
--- Senior agents	Edit own customers	Inherited	Not Allowed
- Super Users			

As you can see, Junior agents have fewer permissions, so they won't be able to edit any customer nor change property publication.

Figure 4.1. Scenario #2: Property form with publishing fields disabled

General descr.
Details
Position
Images
Owners
Agenda
Extend property

Prop. ID *
X413

Type *
Sale

Category *
» Villa

Title
Villa near the beach

Internal publishing
Published

Agency *
First agency

Assigned to
- Select

Start position

End position

Price
700,000

Min. price
0

Space
430.00

Show complete address
Follow main configuration

Details
☒ Negotiable
☒ Private treaty
☒ Exclusive
☒ Publish on site
☒ Hot

Figure 4.2. Scenario #2: Customers view without any edit permissions

The screenshot shows the Domus Organizer interface. At the top, there's a header "Domus Organizer – Customer list" with a "Back" button. Below it, there's a search bar with "Search by" and "Go" and "Reset" buttons. Under the search bar, there are "Order by" buttons: "Last name", "Type", and "Add date". The main content area shows a customer card for "Lennon John" with the "Customer group" "Singers". To the right, it says "Agency Second agency" and "Phone 555-687134 (555-321654897)". Below the card, there's a "Domus Organizer – Customer details" header with a "Back" button. Underneath, there are tabs: "General descr.", "Requests", "Automatic Search", "Properties", and "Agenda". The "General descr." tab is active, showing a table with the following data:

Name	Type
John	Customer
Last name Lennon	Customer group Singers

Summary

What we did this time?

Now our permissions are a little more complex, we still have only one agency, but we have two different kind of agents: Juniors and Seniors.

Seniors can do pretty much everything: they can manage the property (edit/add/delete/publish/unpublish) and they can edit customers, too. On the other hand, since Juniors are the newcomers, so they don't have the same permissions. They can edit/add/delete a property, but they can't publish nor unpublish it, moreover they can't edit customers, they can only "see" them.

2.1.3. Single agency with different permissions and access levels

In the previous sections we added or restricted permissions other customers or properties, however every agent could be able to see every record.

Sometimes you don't want something like that: for example you are dealing with some very important property or customer and you want to display them only to authorized agents.

You can achieve this goal using **Access Levels**.

If you remember, at the beginning of this chapter we said that the ACL is divided into two parts: actions or permissions (what an user can *do*) and access levels (what an user can *see*).

We will continue with the previous example: we want some properties and customers to be visible to Senior agents only.

First of all we have to create a new Access Level: we can do that from the backend:

Example 4.7. Scenario #3: Access level for Senior agents

Level Details

Level Title *

User Groups Having Viewing Access

☒ |—|—Agency owners

☐ |—|—Junior Agents

☒ |—|—Senior agents

☒ |—Super Users

As you can see we added the **Senior agents** group, plus the **Agency Owners** and the **Super Users** ones, too; in this way users that have admin permissions will be able to see those records.

In the following examples, you can see it in action: we set the access of a property to **Senior agents** and only the users that are allowed (in other words: the users that belong to one of the groups we specified for that access level) will see the record in the property list.

If a Junior agents tries to perform a search or to browse the properties, he simply won't see the record: it's completely hidden to him.

Figure 4.3. Scenario #3: Property access level

General descr. [Details](#) [Automatic Search](#)

Prop. ID. WG888

Type Rent

Category Apartment - Condo

Title Apartment Condo

Internal publishing Published

Agency Domus Organizer

Assigned to

Access Senior agents

Figure 4.4. Scenario #3: Senior agent property list







<input type="checkbox"/>	No Image	WG888 :: Apartment Condo Category Apartment - Condo Washington D.C. • Rhode Island Avenue Northwest and 7th street	Agency Domus Organizer Type Rent Price 2,300 (2,100)	  
<input type="checkbox"/>	No Image	DC9034 :: Single House on Georgetown Category Detached house Washington D.C. • Reservoir Road Northwest 4430	Agency Domus Organizer Type Rent Price 525,000 (500,000)	  
<input type="checkbox"/>	No Image	LA470 :: Former Hollywood movie star house Category Apartment - Private Los Angeles • Hollywood Boulevard 101	Agency Domus Organizer Type Sale Price 300,000 (290,000)	  
<input type="checkbox"/>	No Image	X413 :: Villa near the beach Category Villa New York • Surf Dr 200	Agency Domus Organizer Type Sale Price 700,000	  
<input type="checkbox"/>	No Image	A100 :: Apartment Private Category Apartment - Private New York • Street dummy 28	Agency Domus Organizer Type Rent Price 2,800 (2,500)	  

Figure 4.5. Scenario #3: Junior agent property list

<input type="checkbox"/>	No Image	DC9034 :: Single House on Georgetown Category Detached house Washington D.C. • Reservoir Road Northwest 4430	Agency Domus Organizer Type Rent Price 525,000 (500,000)	  
<input type="checkbox"/>	No Image	LA470 :: Former Hollywood movie star house Category Apartment - Private Los Angeles • Hollywood Boulevard 101	Agency Domus Organizer Type Sale Price 300,000 (290,000)	  
<input type="checkbox"/>	No Image	X413 :: Villa near the beach Category Villa New York • Surf Dr 200	Agency Domus Organizer Type Sale Price 700,000	  
<input type="checkbox"/>	No Image	A100 :: Apartment Private Category Apartment - Private New York • Street dummy 28	Agency Domus Organizer Type Rent Price 2,800 (2,500)	  

However, who decides the access of a record and who can change it?

As you can imagine, this is a *very* reserved operation: you are going to display or hide records to different sets of user, therefore only users with the **Component administrator (domus.admin)** permission are allowed to do that.

Figure 4.6. Scenario #3: Edit access level

Internal publishing

Agency * Sh

Assigned to

Access

Guest
Public
Senior agents
Super Users
Registered
Special

Description (show on site) - en-GB

Summary

What we achieved so far?

We still have to kind of agents, Junior and Senior ones, and both of them can perform the same actions. However, only the most experienced ones (Senior Agents) can see and edit "special" customers or properties, since we created a new Access Level and assigned it to those records.

As last thing to say, only Agency owners can change the access level, since the **Component administrator** permission is requested to do that.

2.2. Advanced ACL setup

In this section we will provide different scenarios where a more complex ACL setup is required; we will still use component-wide permissions, however we will use agency-wide permissions, too, in order to fine tune the set of actions that every user can do.

Agency permissions inside Domus Organizer

Inside every agency, you will find a section like this one:

Figure 4.7. Agency permissions inside Domus Organizer

Manage the permission settings for the user groups below. See notes at the bottom.

	Action	Select New Setting ¹	Calculated Setting ²
Public			
- Guest	Manage agency	Inherited	Not Allowed
- Manager	Create property	Allowed	Allowed
-- Administrator	Delete property	Allowed	Allowed
- Registered	Edit property	Allowed	Allowed
-- Author	Edit own properties	Allowed	Allowed
--- Editor	Change property status	Allowed	Allowed
---- Publisher	Create customer	Allowed	Allowed
-- Domus Organizer	Delete customer	Allowed	Allowed
--- Agency owners	Edit customer	Allowed	Allowed
---- Junior Agents	Edit own customers	Allowed	Allowed
---- Senior agents			
- Super Users			

As you can see, the permissions are pretty much the same as the component-wide ones. The **Component administrator** permission is missing (of course), but we have a new one:

Manage agency Allows the user to edit agency info and permissions
(agency.manage)

2.2.1. Multiple agencies, agents can only see the other ones records

This is a very common scenario: let's you have two or more agencies on your site and you want agency A agents be able to edit property/customers of Agency A only, but they can't edit or add any new record in Agency B, they can only see them.

You can easily do that in Domus Organizer, you simply have to setup a different ACL.

First of all, we will create a group for every agency, plus two more groups for agency owners:

Example 4.8. ACL Scenario #4: Groups settings

A screenshot of the Domus Organizer ACL settings interface. It shows a list of groups with checkboxes next to them. The groups are: Public, Registered, Domus Organizer, ACME agency, ACME owners, RE agency, and RE owners. The checkboxes are all unchecked.

Inside Domus Organizer component options, in the permissions tab, we will leave all the permissions to **Inherit**, except for the **Administrative access** one; this means that no one will have component-wide permissions.

Now let's go inside the first agency profile (*Acme agency* in these examples) and set the permissions in this way:

Example 4.9. ACL Scenario #4: First agency employees permissions

	Action	Select New Setting ¹	Calculated Setting ²
Public	Manage agency	Inherited	Not Allowed
- Guest	Create property	Allowed	Allowed
- Manager	Delete property	Allowed	Allowed
-- Administrator	Edit property	Allowed	Allowed
- Registered	Edit own properties	Allowed	Allowed
-- Author	Change property status	Allowed	Allowed
--- Editor	Create customer	Allowed	Allowed
---- Publisher	Delete customer	Allowed	Allowed
-- Domus Organizer	Edit customer	Allowed	Allowed
--- ACME agency	Edit own customers	Allowed	Allowed

Next we have to setup permissions for the agency owners:

Example 4.10. ACL Scenario #4: First agency owners permissions

	Action	Select New Setting ¹	Calculated Setting ²
Public	Manage agency	Allowed ▾	Allowed
- Guest	Create property	Inherited ▾	Allowed
- Manager	Delete property	Inherited ▾	Allowed
-- Administrator	Edit property	Inherited ▾	Allowed
- Registered	Edit own properties	Inherited ▾	Allowed
-- Author	Change property status	Inherited ▾	Allowed
--- Editor	Create customer	Inherited ▾	Allowed
---- Publisher	Delete customer	Inherited ▾	Allowed
-- Domus Organizer	Edit customer	Inherited ▾	Allowed
--- ACME agency	Edit own customers	Inherited ▾	Allowed
---- ACME owners			

Then we have to do the same steps for the second agency (*RE agency* in these examples):

Example 4.11. ACL Scenario #4: Second agency employees permissions













	Action	Select New Setting ¹	Calculated Setting ²
Public	Manage agency	Inherited ▾	Not Allowed
- Guest	Create property	Allowed ▾	Allowed
- Manager	Delete property	Allowed ▾	Allowed
-- Administrator	Edit property	Allowed ▾	Allowed
- Registered	Edit own properties	Allowed ▾	Allowed
-- Author	Change property status	Allowed ▾	Allowed
--- Editor	Create customer	Allowed ▾	Allowed
---- Publisher	Delete customer	Allowed ▾	Allowed
-- Domus Organizer	Edit customer	Allowed ▾	Allowed
--- ACME agency	Edit own customers	Allowed ▾	Allowed
---- ACME owners			
--- RE agency			

Example 4.12. ACL Scenario #4: Second agency owners permissions

Public	Action	Select New Setting ¹	Calculated Setting ²
- Guest	Manage agency	Allowed ▾	Allowed
- Manager	Create property	Inherited ▾	Allowed
- - Administrator	Delete property	Inherited ▾	Allowed
- Registered	Edit property	Inherited ▾	Allowed
- - Author	Edit own properties	Inherited ▾	Allowed
- - - Editor	Change property status	Inherited ▾	Allowed
- - - - Publisher	Create customer	Inherited ▾	Allowed
- - Domus Organizer	Delete customer	Inherited ▾	Allowed
- - - ACME agency	Edit customer	Inherited ▾	Allowed
- - - - ACME owners	Edit own customers	Inherited ▾	Allowed
- - - RE agency			
- - - - RE owners			

Perfect, now you're ready to go! If you login with an user that belongs to the first agency, this is what he will see:

Figure 4.8. ACL Scenario #4: Property list for an agent of the first agency

<input type="checkbox"/>		WG888 :: Apartment Condo Category Apartment - Condo Washington D.C. • Rhode Island Avenue Northwest and 7th street	Agency RE agency Type Rent Price 2,300 (2,100)	  
<input type="checkbox"/>		DC9034 :: Single House on Georgetown Category Detached house Washington D.C. • Reservoir Road Northwest 4430	Agency Acme Real Estate Type Rent Price 525,000 (500,000)	  
		LA470 :: Former Hollywood movie star house	Agency Acme Real Estate	  



As you can see there is no checkbox for the first property, since it belongs to the second agency. If we open the details of the property, you will see that he can't edit it:

Figure 4.9. ACL Scenario #4: Properties of other agencies are not editable

Domus Organizer – Property details
Back

General descr.
Details
Automatic Search
Position
Images
Owners
Agenda

Prop. ID. WG888
Type Rent
Category Apartment - Condo
Title Apartment Condo
Internal publishing Published
Agency RE agency
Assigned to
Access Public

Start position 2013-02-18
End position 2015-06-18
Price 2,300
Min. price 2,100
Space 280.00 m²
Hits 1
Show complete a... Follow main configuration
Details  Negotiable
 Private treatv

However, he can edit properties that belong to the his agency:

Figure 4.10. ACL Scenario #4: Properties of the same agency are full editable

The screenshot shows the 'Domus Organizer – Property details' interface. At the top, there are 'Edit' and 'Back' buttons. Below is a tabbed menu with 'General descr.', 'Details', 'Automatic Search', 'Position', 'Images', 'Owners', and 'Agenda'. The 'Details' tab is active, displaying property information in two columns.

Prop. ID. DC9034	Start position 2013-02-20
Type Rent	End position 2015-06-20
Category Detached house	Price 525,000
Title Single House on Georgetown	Min. price 500,000
Internal publishing Published	Space 240.00 m²
Agency Acme Real Estate	Hits 0
Assigned to	Show complete a... Follow main configuration
Access Public	Details Negotiable
	Private Access

Note

Of course the same logic applies to customers, we didn't created any screenshots just to save some space

Summary

At the end of this example, we have what we were looking for: we have to different agencies, where employees can only edit the records that belong to their agency and only read other agencies ones.

This is a very common setup, however what if we want to completely hide customers or properties to agents of other agencies? We will discuss this scenario in the next section.

2.2.2. Multiple agencies, agents can't see the other ones records

This is a very similar case of the previous example, Single agency with different permissions and access levels.

Now we have two or more agencies, but every agent should only see and edit properties and customers that belong to his agency.

First of all we have to create an access level for every agency:

Example 4.13. Scenario #5: Access level for ACME agency**Level Details**

Level Title *

ACME agency

User Groups Having Viewing Access☒ |—|—|—ACME agency☒ |—|—|—ACME owners☐ |—|—|—RE agency☐ |—|—|—RE owners☒ |—Super Users

As you can see we added the groups related to the ACME agency, plus the **Super Users** ones, too; in this way users that have admin permissions will be able to see those records.

In the following examples, you can see it in action: we set the access of a property to **ACME agency** and only the users that are allowed (in other words: the users that belong to one of the groups we specified for that access level) will see the record in the property list.

If an agent of another agency tries to perform a search or to browse the properties, he simply won't see the record: it's completely hidden to him.

However we could have a little problem with new records: the agents cannot change the access level, but we want it to be defined to a specific one. For example properties belonging to the **ACME agency** should have the corresponding access level (**ACME agency**).

We can achieve this using the **Properties default access level** and **Customers default access level** fields inside the agency profile.

Example 4.14. Scenario #5: Default access level for properties and customers

The screenshot shows the 'Agency Profile' settings. At the top, there's a 'Logo' field with a placeholder 'Slogna...' and a note 'nessun file selezionato.'. Below this, the 'Properties default access level' is set to 'ACME agency' in a dropdown menu. The 'Customers default access level' is also set to 'Public' in a dropdown menu, which is currently open, showing a list of options: 'Public', 'ACME agency', 'Guest', 'RE agency', 'Super Users', 'Registered', and 'Special'. The 'Public' option is highlighted. To the left of the dropdown, there's a text input field containing 'Public' and a button labeled '- Guest'. Below the dropdown, there's a section titled 'Manage the permission settings' with a 'Create property' button and a dropdown menu set to 'Inherited'. A red vertical bar is visible on the right side of the interface.

In this way, every time an agent creates a record, it will receive the access level of the agency; said in other words, this means that that record will be visible to employees of his agency.

Summary

In this latest example, we reached one of most complex scenario: we have several agencies and agents will be able to edit and see only records that belong to their own agency. This mean that agent of ACME agency will only see and edit properties and customers of the ACME agency, while they can't see nor edit properties or customers of the RE agency.

In order to do that, we created an access level for every agency, assigning the groups of the agencies inside that. After that, we defined default access levels, so every new record will have the same access level.

3. Multilanguage support

In the PRO version you will be able to translate all the parts visible to the public, if present Domus Organizer will show the description in the current language.

You can translate the following items:

- Properties
- Element groups, Property elements and Element attributes
- Room types
- Categories
- Types
- Street types, Towns and Districts

As you can imagine the translation of the property is a little more challenging, while for the other items the process is simpler.



First of all you have to set the **Main language** option inside component options; in this way Domus Organizer will display only the other languages.

Note

Please remember that items will be translated in the public area only, in the administrative one you'll always see the "original" one, regardless of the current language. For praticity sake, you should create items using your native language (ie English), then add the translation in other languages (German, Spanish, Italian etc. etc.)

Translation status

Sometimes it's hard to keep track of which item is translated or not, so you can take a look at the **Translation Dashboard**. For each item and each language, you'll see its advancement

Section	Progress	
		
Properties	21.16%	20.90%
Categories	4.55%	0.00%
Types	50.00%	0.00%
Element groups	16.67%	0.00%
Property elements	6.30%	0.00%
Element attributes	1.82%	0.00%
Room types	3.23%	3.23%
Street types	14.29%	0.00%
Towns	0.40%	0.00%
Districts	16.67%	0.00%

3.1. Translate properties

Inside the edit form you will find a new section dedicated to translations:

Figure 4.11. Property translations

Translations

Add translation

it-IT

Title

Italian title

This is the Italian translation of the description

Nullam ultricies vitae nulla quis gravida. Suspendisse interdum faucibus dolor eu dapibus. Phasellus facilisis tempor ante, id bibendum mauris gravida vulputate. Donec porttitor, augue vel accumsan tincidunt, odio lacus porta odio, in faucibus magna leo quis libero? Aliquam convallis ligula non libero tempor pellentesque. Nulla sed felis pulvinar, posuere magna non, gravida est. Quisque vitae nisl tellus! Duis libero ligula, malesuada sed dictum sed, semper vel nibh. Phasellus tincidunt odio in leo porttitor, eu ultricies sem pharetra. Suspendisse dignissim molestie dui, sit amet auctor lacus consequat a.

Click on Add translation to add a new translation. This will open a modal window with the text editor and the language of the translation.

Once you have completed your text, click on Apply to return to the edit form.

Figure 4.12. Property translations: edit form

Language: Italian

Title: Italian title

[Toggle Editor]

Font family, Font size, Bold, Italic, Underline, Strikethrough, Paragraph, Styles, Font color, Background color, Bulleted list, Numbered list, Indent, Outdent, Link, Unlink, Image, Table, Table of contents, Print, Undo, Redo, Help, etc.

This is the Italian translation of the description

Nullam ultricies vitae nulla quis gravida. Suspendisse interdum faucibus dolor eu dapibus. Phasellus facilisis tempor ante, id bibendum mauris gravida vulputate. Donec porttitor, augue vel accumsan tincidunt, odio lacus porta odio, in faucibus magna leo quis libero? Aliquam convallis ligula non libero tempor pellentesque. Nulla sed felis pulvinar, posuere magna non, gravida est. Quisque vitae nisl tellus! Duis libero ligula, malesuada sed dictum sed, semper vel nibh. Phasellus tincidunt odio in leo porttitor, eu ultricies sem pharetra. Suspendisse dignissim molestie dui, sit amet auctor lacus consequat a.

Path: p Words: 93

3.2. Translate the other items

The translation of non-real estate items, as we said, is much simpler. In almost all forms you will find something like this:

Figure 4.13. Item translation

Title * Residential

Alias residential

Order 3 Residential

Parent category Root category

Published ☐ No ☒ Yes

Translations

Add translation

Language Italian

Title Residenziale

By clicking on the button Add translation you will add two more fields, one for the language and another one for the translation.

Once you save the record, its translation will be also saved

4. Template system

Domus Organizer come with a set of fixed layouts, but, until now, if you wanted to customize your installation you had to rely on template overrides (because you are using template overrides, **right?** You are not hacking core files, **right?**)

Template overrides are great, but they are not very user friendly.

First of all they require a little of FTP knowledge: you have to connect to your server, copy the file in your current template folder dedicated to the overrides and then start modifying it.

Then you have to know what you are doing, which means that you have to know a little of PHP, too. While editing, you have to care extra attention on not touching any PHP statements, since you could create a fatal error and get a white page.

But you just want to edit the HTML output, nothing else, there isn't a better way of doing this?

Yes, there is!

We created a template system, where you can create your HTML template, add the tokens you are interested in, and leave Domus Organizer do the rest.

And you can do all these things inside Joomla administration backend, using your favorite HTML editor.

4.1. Template management

A template is a piece of HTML code that you can craft on your needs.

Let's say that your site has a template that is using Bootstrap version 3 instead of the version 2, or you want to deeply change the structure of the property list.

For example, you want a different structure for hot properties (less details, more emphasis on the price or on the property details) rather than normal properties. Using our template system, you can create a different layout for Properties or Agents, for properties that belongs to a specific category or type; moreover, you can create a different template for a specific language, or you can simply use a single template for everything.

Domus Organizer has a clever way to detect the best template to use while displaying the page: first of all it will check if a template for the current view name and type exists, for example *Properties Browse*.

Then it will search the templates with the current language or, if not found, the templates with the language set to *All*. Finally, a search vs the category or the type is performed, if not found the most generic template is used.

This means that you can have a template for all the properties, but for a specific combination (for example Residential properties on sale) you can create a complete different one.

Figure 4.14. Template edit page

The screenshot shows the 'Template edit page' in Domus Organizer. The form is organized into two columns. The left column contains: 'Title *' (text input with 'Standard property item'), 'Published' (radio buttons for 'No' and 'Yes', with 'Yes' selected), 'Language' (dropdown menu with 'All' selected), and 'Key' (text input with 'prop-read-null-null-null'). The right column contains: 'View name *' (dropdown menu with 'Properties' selected), 'View type *' (dropdown menu with 'Single item' selected), 'Type' (dropdown menu with 'Select' selected), 'Category' (dropdown menu with 'Select' selected), and 'Only hot' (radio buttons for 'No' and 'Yes', with 'No' selected). Below the form is a '[Toggle Editor]' button and a code editor. The code editor shows HTML template code with tokens like [PROP_ID], [PROP_TITLE], [PROP_GALLERY], and [PROP_IMG_THUMB]. At the bottom, there are tabs for 'Properties', 'Agent', and 'Agency'. Below the tabs is a list of tokens and their descriptions: [PROP_ID] ID of the property, [PROP_TITLE] Title of the property, [PROP_LINK] Link to the property. You have to set this token inside the href attribute of the link, and [PROP_IMG_THUMB] Thumbnail of the first image.

Title	The title of the template, we strongly suggest to use a mnemonic title.
Published	Is this template published?
Language	To which language this templates applies to? This is very useful for multilanguage sites: you can replace static text with the correct translation or hide any details that are not important for foreign customers.
Key	The generated key used for calculating the best template to use
View name	The view related to this template, for example <i>Properties</i> , <i>Agents</i> or <i>Agencies</i>
View type	The view type, for example <i>Browse</i> (for lists) or <i>Single Item</i>
Type	Property type assigned to the template <i>This option is available only when the View name is set to Properties</i>
Category	Property category assigned to the template <i>This option is available only when the View name is set to Properties</i>
Only hot	Is this template assigned to hot property only? <i>This option is available only when the View name is set to Properties</i>

You can find the full list of available tokens here or inside Domus Organizer template edit page.

Multilanguage and templates

If you are going to create a multilanguage site, please remember that you have to create a template for each language, manually translating the static text (such as **Category** or **Type**).

This is a small price to pay in exchange to the full flexibility offered by the template system.

View type and template scope

The **Single Item** view type deals, obviously, view a single item, meanwhile the **Browse** one deals with a single item *of the list*.

This means that the Browse template will be loaded several times, one for every record. In this way you can create fancy layouts, for example 3 tiles for every row.

Tokens and HTML special chars

When you add a token, please double check that there isn't any unwanted hidden HTML chars inside the token syntax, otherwise Domus Organizer won't recognize the token and the substitution is not performed.

Adding property fields

Inside your template you can reference property fields, too.

A new token will be created for each group and element, following this logic:

PROP_GRELEMENTS_TOKEN for the group. The group name will be transformed in uppercase converting all name> the spaces in underscores. For example, the token for the group *Property details* will be PROP_GRELEMENTS_PROPERTY_DETAILS

PROP_ELEMENTSTOKEN for the element label. The element name will be transformed in uppercase converting name>_LBL all the spaces in underscores. For example, the token for the group *Stable condition* will be PROP_ELEMENTS_STABLE_CONDITION_LBL

PROP_ELEMENTSTOKEN for the element value. The element name will be transformed in uppercase converting name>_VAL all the spaces in underscores. For example, the token for the group *Stable condition* will be PROP_ELEMENTS_STABLE_CONDITION_VAL

Shorthand tokens

If you don't want to enumerate all the property tokens, there are two ready to use template tokens for property elements:

PROP_ELEMENTS_SLIDERS the full list of elements grouped by element group. Each group will create a new slider

PROP_ELEMENTS_FIELDS the full list of elements grouped by element group. Each group will create a new fieldset

Adding a default value for the token

Sometimes you want to display a default text if the token hasn't any value. For example, in the agent view, if the agent has no mobile number, you want to display the agency phone number.

You can easily achieve that, using the following syntax: [AGENT_MOBILE:555-123456]

You can embed HTML code, too: [AGENT_MOBILE:Not Available]

Templates and page formats

Templates are available for standard HTML pages only (the one you can see with your browser), they are not supported in the print or PDF format, since they usually require several "hacks" in order to create a proper layout display.

In such cases you can still rely on good old template overrides.

Templates for emails

If you want to email automatic search results to your users, you have to create two different templates, one for customers and another one for property owners.

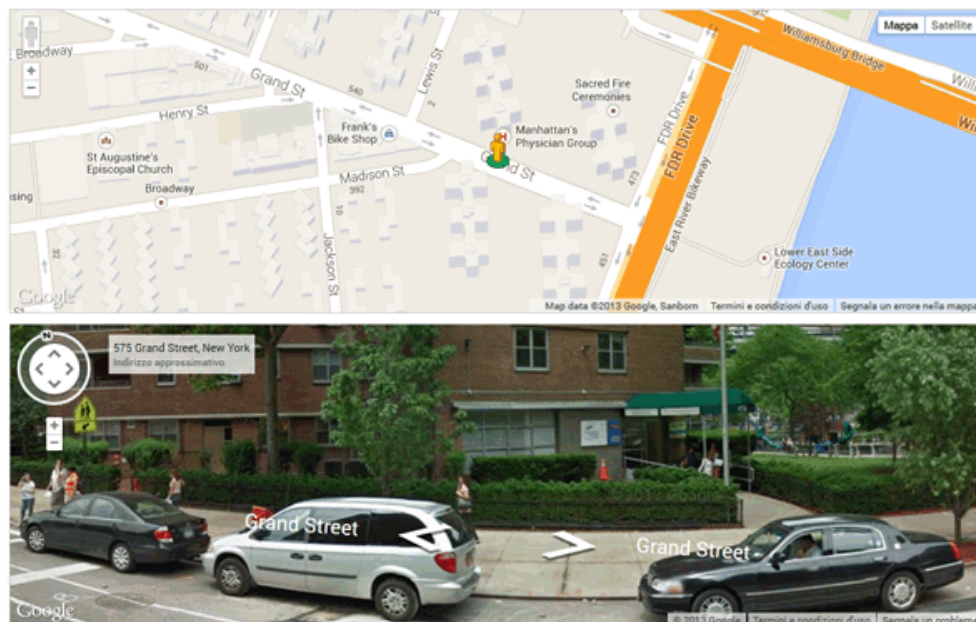
Inside each one you can use all the available tokens, you only have to remember to create an HTML element with the ID `emailProperty` in the customer email and another one with ID `emailCustomer` in the owner email.

While preparing the email, Domus Organizer will use those elements as "starting point" for each result. Let's say you have 5 properties: Domus Organizer will fetch the structure of the HTML element with the id `emailProperty` and then fill the details of each property, building up a nice list.

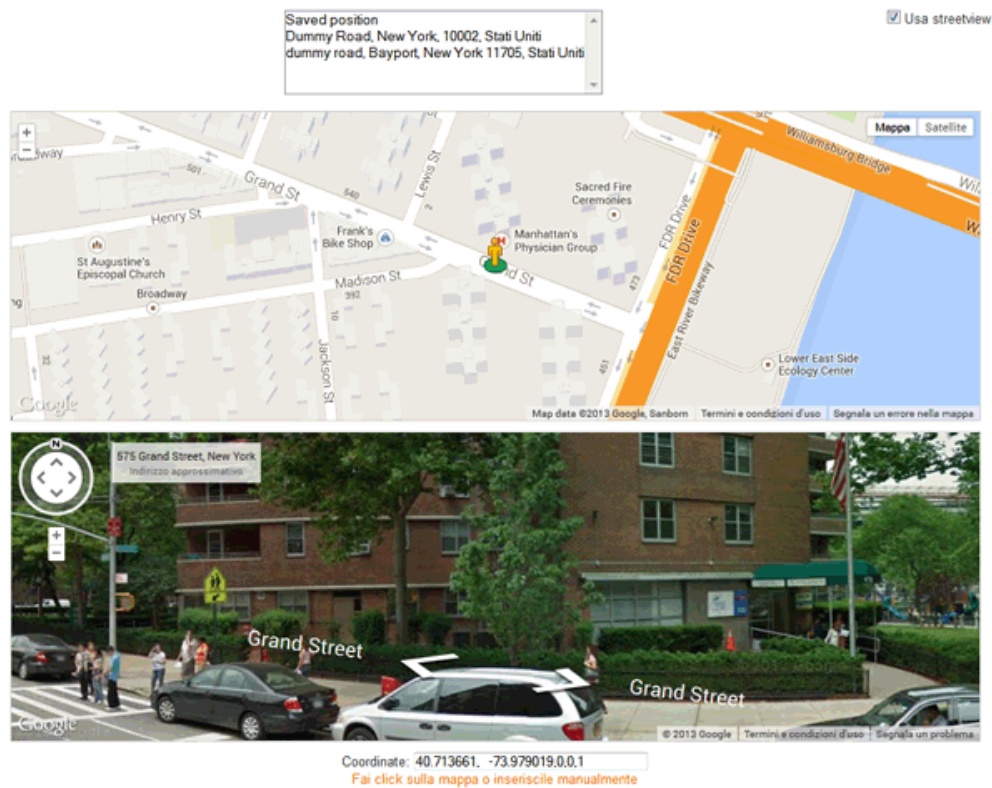
5. Google Street View

Domus Organizer PRO offers support for Google Street View, you can trigger it for each property to show exactly where they are.

Figure 4.15. Google streetview



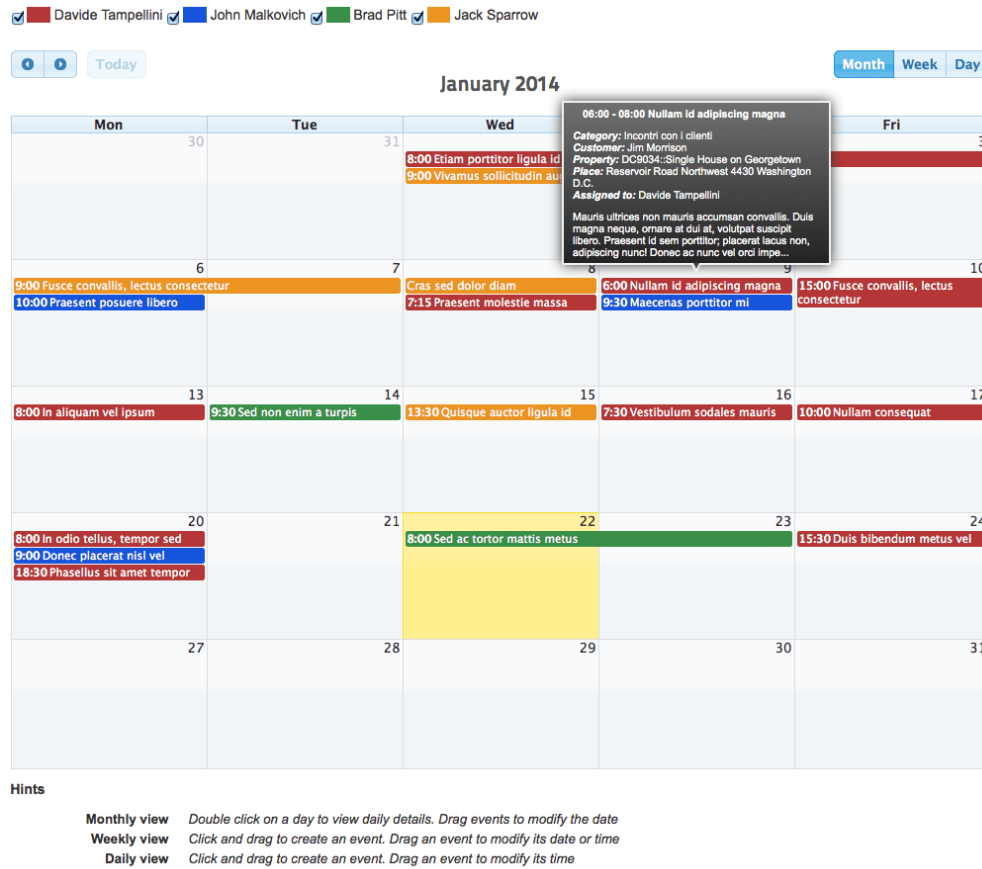
Its management is really simple: when editing the property, in the tab *Position* click on Use streetview. To change the angle, simply click and drag inside the box that contains the streetview.

Figure 4.16. Google streetview edit form

6. Agenda

Inside Domus Organizer you can find an agenda, in this way you can organizer your days e keep track of the appointments with customers and properties.

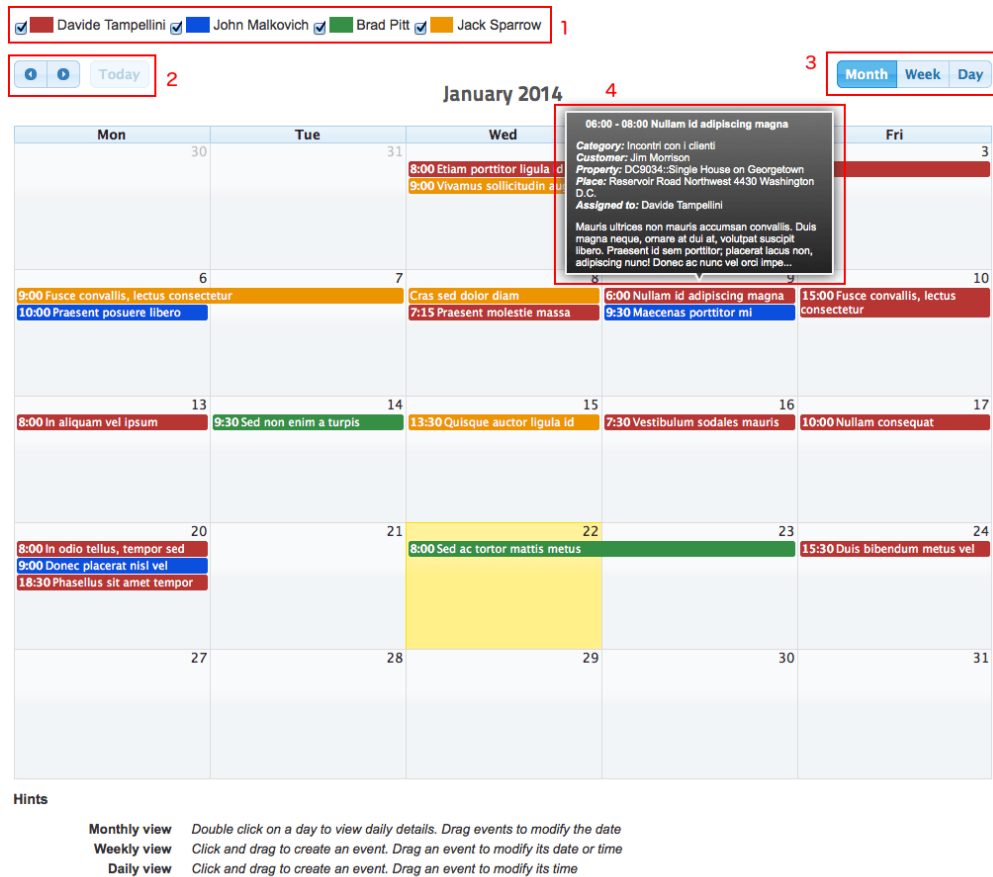
Figure 4.17. Agenda



6.1. Monthly view

The monthly view displays all the appointments inside the selected month.

Clicking on an appointment title, you will be redirected to its details. If you double click on a single day, you will switch to the daily view.

Figure 4.18. Agenda: Monthly view

Assigned user filter	You can filter the appointments for the assigned user.
Navigation	You can use it to surf through months
Switch view	Clicking on these buttons you can switch between monthly, weekly and daily view
Tooltip appointment	<p>This tooltip displays the most relevant information about the appointment. If present, inside the tooltip you will find:</p> <ul style="list-style-type: none"> • Start time, end time and title • Category • Linked customer • Linked property • Place of the appointment • Assigned user • A short snippet of the description

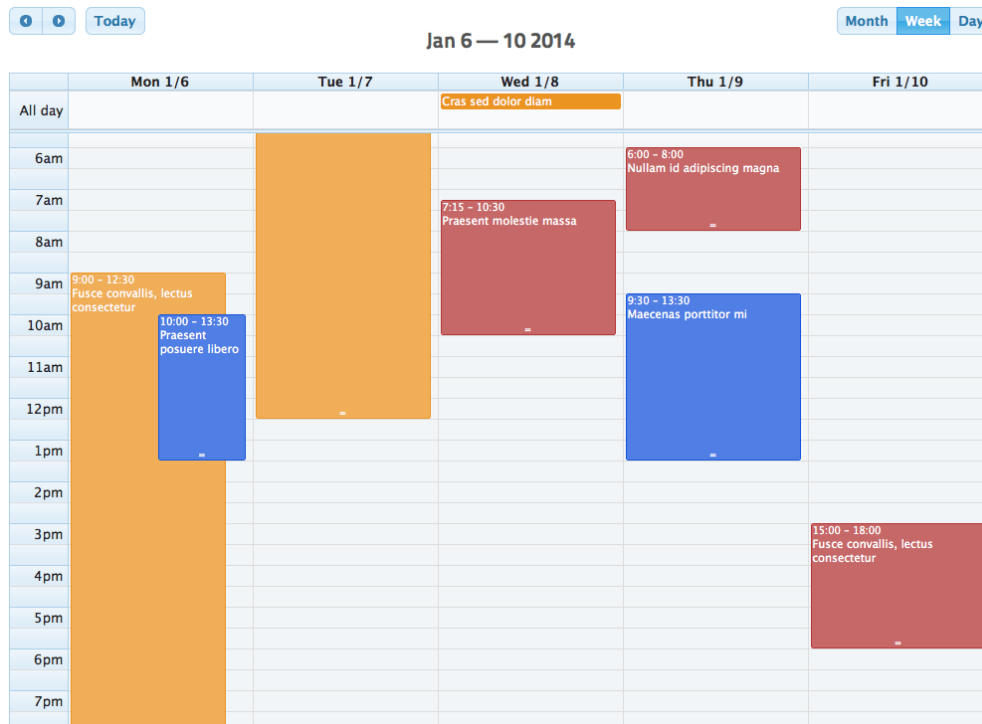
6.2. Weekly view

The weekly view displays all the appointments inside the selected week.

Even in this view, you can filter the appointments, switch between monthly, weekly and daily view as you saw before.

The appointments that will take the entire day will be placed inside the **All day box**.

Figure 4.19. Agenda: Weekly view



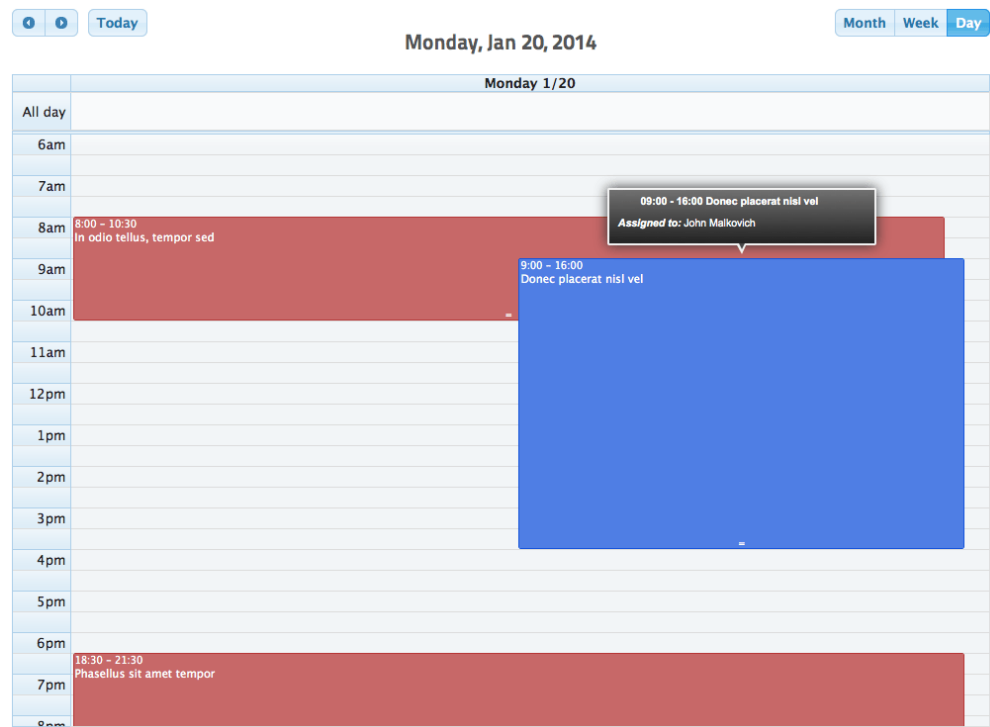
6.3. Daily view

The weekly view displays all the appointments inside the selected week.

Even in this view, you can filter the appointments, switch between monthly, weekly and daily view as you saw before.

The appointments that will take the entire day will be placed inside the **All day box**.

Figure 4.20. Agenda: Daily view



Description Appointment description

Appointments with customers and properties

If the appointment is linked to a customer or a property, beside showing up the button for jumping on it, Domus Organizer will display the appointment inside the agenda of the customer/property, too

7. Support for multiple agencies

Inside the pro version you'll be able to manage more agencies instead of only one.

Figure 4.22. Multiple agencies

	Agency	Address	Town	District
<input type="checkbox"/>	Domus Organizer	Sample Street 18	New York	New York
<input type="checkbox"/>	Second agency	Dummy address 23	Melbourne	Florida

Showing 1 to 2 of 2 entries

First Previous 1 Next Last

In the edit page of every customer and property you'll be able to assign the current record to a specific agency:

Figure 4.23. Multiple agencies: property edit form view

internal publishing Published

Agency * Domus Organizer

Assigned to - Select

Add or delete an agency

Only users that have the permission **Component administrator** or that are **Super users** can add or delete an agency.

Edit an agency

Only users that have the permissions **Manage agency** can edit agency's profile.

8. Support for content plugin

Inside the professional version you have the option to trigger content plugins: this is a very useful method to extend the standard behavior without hacking the core files.

Let's say you want to display a video or give the users the option to download files related to the property: just enable the option inside Domus Organizer, add the plugin code and you're ready to go!

Moreover, content plugins will be recognized inside custom fields, too. This opens to a very interesting scenario: you can create a property element named **Video** or **Documents**, set its type to **Input** and then insert there the plugin code.

First of all let's create a new group that will hold the media info:

Example 4.15. Support for content plugin: Media group

Name

Published ☐ No ☒ Yes

Property elements

Show entries Search:

Name	Type	Group	Published
Documents	INPUT	Media	✓
Video	INPUT	Media	✓

Showing 1 to 2 of 2 entries

First Previous 1 Next Last

Then let's add a new field to this group:

Example 4.16. Support for content plugin: Element

Details

Name *

Type *

Group *

Published ☐ No ☒ Yes

Public ☐ No ☒ Yes

Element searchable ☒ No ☐ Yes

Of course this field will be public, but we don't want it to be searchable, so it won't appear in the advanced search page.

Finally, we put the plugin code inside the property field (of course you will have to change it accordingly with the actual plugin you installed on your site):

Example 4.17. Support for content plugin: Usage inside a property element

Media

Video

Documents

And this is your final result:

Figure 4.24. Support for content plugin



In this way you will have a very nice tab with all media related stuff!

Plugins and compatibility

As you can image, integrating two different extensions is always a pesky task: things can work like a charm (as we displayed above) or you can face several conflicts.

Please keep this in mind before asking support, since we can't provide any support for conflicts caused by external extensions.

9. Support for integration plugins

Sometimes an agency has a special need: maybe it has to load extra data from external tables, or wants to store additional information.

Usually you should do something Very Very Bad™: hacking the component. This is a short-term solution, because when a new update is released, you only have to options:

- get stuck with the current version, missing all the new features
- update and then manually re-apply the hack, hoping you didn't break anything

As you can see, in both ways this is a very bad scenario, however, do not be afraid!

Inside the professional version we added support for integration plugins, so you can add all the features you need, without hacking the core.

For more information please take a look at the Developers' information chapter.

10. Import data

In the backend of your site, under the section *Utilities* you will find a new feature: *Import data*.

Through this page you'll be able to upload your data coming from an external source (another manager tool, for example) using tab-delimited text files.

Figure 4.25. Import data

- | | |
|---------------------------|---|
| 1. Import type | Do you want to import customers or properties? |
| 2. Agency | The agency the data is referring to |
| 3. File | Import file |
| 4. Headers on first line? | There are headers on the first line? |
| 5. Encode descriptions? | Are descriptions (ie town, district, category etc. etc.) wrote as numbers (100, 105, 10 etc. etc.) or are they written in a extended way (New York, Apartment, Rent etc. etc.)? |
- In the latter case, Domus Organizer can convert descriptions into numerical ID, used inside the component. Please pay attention that the description *must be written in the exact way as stored inside the system tables*.

On the right side you can find some example file: you can open them using any software, like Excel or OpenOffice. While opening the file, the software will ask you how fields are separated; you have to answer *Tab separated*. After finishin your job, simply save the file and you'll be ready to execute the import.

Custom import plugin

This is the standard import plugin, however you can develop your own import plugin to match the format of the data you want to import.

You can find more technical details inside the Developers information page.

11. Advanced search

Using the advanced search you can query your customer base and buildings in a much more efficient way than the standard search.

Figure 4.26. Advanced search

Search by

☒ inside properties
 ☐ inside customer requests

General options

Type

- Select -

Price

min 0 max 0

Max floor

- Select -

Added by

- Select -

Category

- Select -

Space

min 0 max 0

Max units

0

Property details

Property condition

- Select -

Occupation

- Select -

Exposition

- Select -

Furniture

- Select -

Floor

- Select -

Levels

- Select -

Energy class

- Select -

Stable details

Building type

- Select -

Building condition

- Select -

Year of built

0

Year of renovation

0

Total floors

0

Property units

0

Heating details

Heating

- Select -

Heating supply

- Select -

Heating power

- Select -

Details

Air condition

- Select -

Garden

- Select -

Parkarea

- Select -

Garage

- Select -

Garden surface

0

Lift

- Select -

Reception

- Select -

Top floor

- Select -

Position

District

Town

Zone

Sub-zone

Add a zone

Rooms

Bathrooms

0

Bedrooms

0

Room type

N°

Add room

First we have to indicate what we're looking for (a potential customer for a property or vice versa) after which we can start inserting the various search parameters.

By default, Domus Organizer looks for records that equal the values provided, with some exceptions:

- In the case of *Size/Price* , it will look inside the two limits
- In case of *Max floor* or *Max units* only records with a lower value will be displayed.
- Regarding the *Position*, Domus Organizer will search in OR , in order to propose more alternatives.

If, for example, we insert the following values:

First record:

- *District:* New York
- *Town:* New York
- *Zone:* Manhattan

Second record:

- *District:* New York
- *Town:* New York
- *Zone:* Queens

Domus Organizer will propose records belonging to Manhattan and Queens.

- Particular attention should be paid when you search on the number and type of rooms: Indeed, we can perform two types of research.

The first, which we find on the left, is to search only for the *type of room* (bath or bedroom), without going into details of what actually is.

For example, your customer is looking for a house with two bedrooms: it's not very important if they are single, double or a complete double, the customer will probably change, so it is not necessary to go into detail.

The second type of research, however, assumes as valid results only records that have the exact number and type of rooms you select. For example, if you enter 2 single bedrooms and a living room, will appear only records that have exactly these three rooms.

Merge of the two types of search

If you are looking for both types of rooms (bedrooms or bathrooms generic) and for specific rooms (kitchen + living room), pay special attention not to confuse types of rooms that belong to the same group.

For example, search for two rooms (generic) and a laundry room, provides correct results, search for two rooms (generic) and a bedroom, will provide wrong results because you apply the same filter twice.

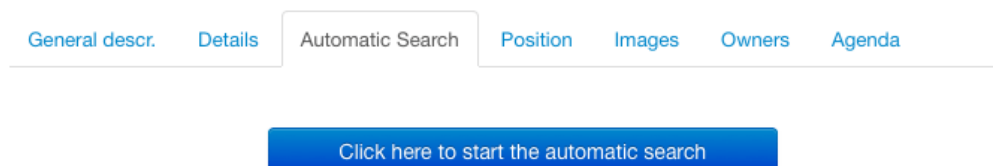
Searchable elements

Here you will find only elements that are flagged as searchable (more info here). In this way you can filter out fields that are added only for aesthetic reasons, but you'll never use in searches.

12. Automatic search

Domus Organizer offers a fast automatic search inside every customer/property tab

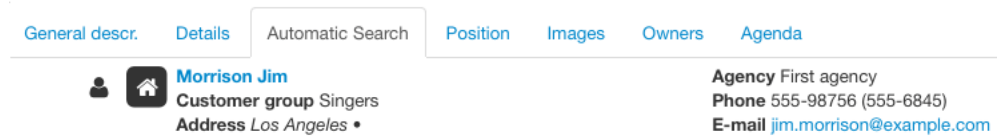
Figure 4.27. Automatic search



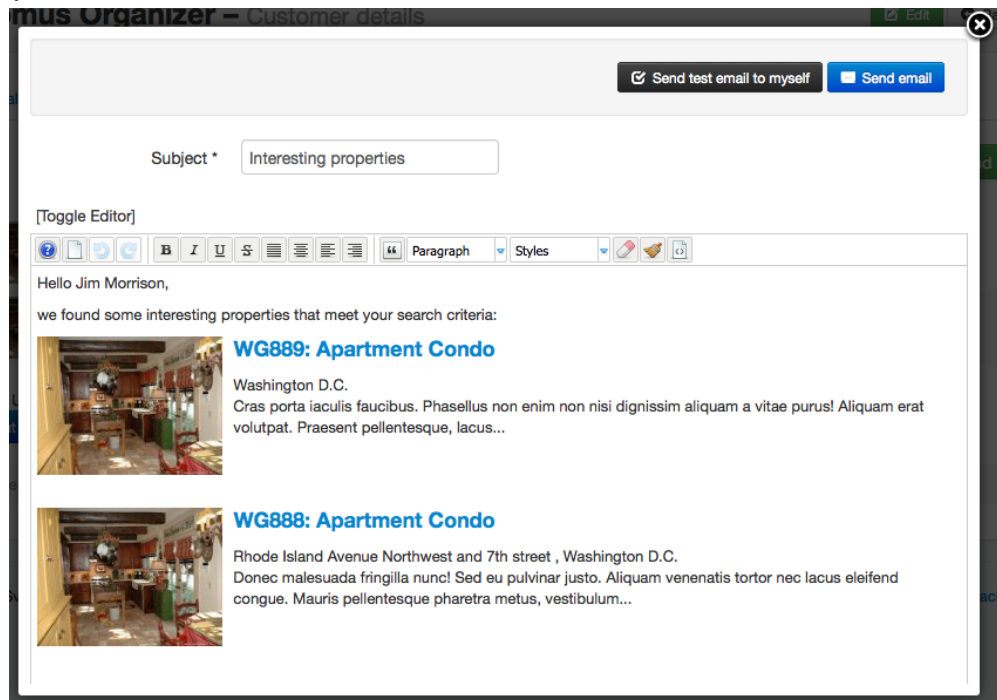
1. *Price + 10%* (we suppose that the customer or the owner are open to negotiations)
2. *Property position* (district and town)
3. *Type*
4. *Category*
5. *Number of bedrooms*

In this way you'll have a smaller list of customers to contact (or properties to propose)

Figure 4.28. Automatic search: results



If the customer has an email address or the property has one or more owners with an email address, you can send the results by email:



You can style your own templates using our Template system using the available tokens.

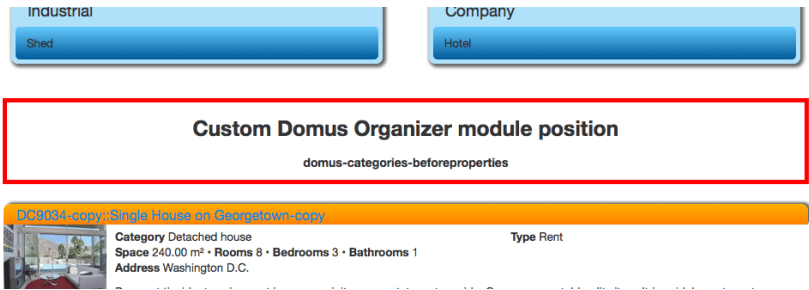
13. Custom module positions

Sometimes you have to add any extra info to the page your users are viewing. Usually you can't do that, unless you start creating template overrides or hacking the core files (which is a very, very bad decision!).

However, you don't have to worry anymore, because in the pro version you'll find new custom positions that will let you to load your own modules in several positions.

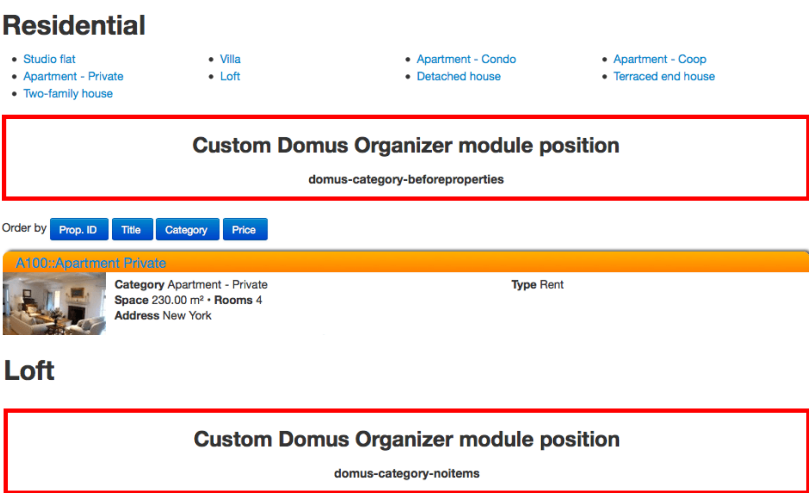
The custom positions are the following:

Categories view **Figure 4.29. Custom module positions: Categories view**



- domus-categories-beforeproperties

Category view **Figure 4.30. Custom module positions: Category view**







- domus-category-beforeproperties
- domus-category-noitems

Property view

Figure 4.31. Custom module positions: Property view**WG888::Apartment Condo**

Custom Domus Organizer module position
domus-property-beforegallery

Custom Domus Organizer module position
domus-property-aftergallery

[Print](#)
[Contact](#)

Custom Domus Organizer module position
domus-property-beforebody

Category	Apartment - Condo	Type	Rent	Agency	Domus Organizer
Price	2,300 €	Space	280.00 m²	Address	Sample Street 18, New York (New York)
Hits	13			Phone	555-65645778
Rooms	2 Bedrooms, 1 Bathrooms, 5 Total rooms				
Address	Rhode Island Avenue Northwest and 7th street , Washington D.C.				

Nulla lobortis mauris eu lorem euismod eu sollicitudin orci blandit. Vivamus dapibus enim massa. Nunc quis cursus mauris. Integer iaculis tincidunt erat, vitae interdum risus placerat sed. Fusce pulvinar enim sit amet elit vestibulum eget cursus arcu eleifend. Vestibulum cursus blandit tortor sit amet convallis. Vivamus gravida, erat in volutpat hendrerit, orci velit euismod ligula, vitae feugiat purus lacus eu ligula. Morbi sit amet elit et nisi bibendum facilisis in sed neque. Nunc vel arcu magna, vitae pretium tortor.

Property details

Occupation Available Soon

Exposition West


Furniture New semi-furnished

Stable details

Heating details

Details

Custom Domus Organizer module position
domus-property-afterbody



- domus-property-beforegallery
- domus-property-aftergallery
- domus-property-beforebody
- domus-property-afterbody

Contact view

Figure 4.32. Custom module positions: Contact view

Custom Domus Organizer module position
domus-property-beforecontact

Name

Last name

E-mail

Phone

Please contact me by: ☐ Phone ☐ E-mail

Subject

Body

Body

Custom Domus Organizer module position
domus-property-aftercontact

- domus-property-beforecontact
- domus-property-aftercontact


Search

Figure 4.33. Custom module positions: Search

There are 6 results

Custom Domus Organizer module position
domus-search-beforeproperties

A100: Apartment Private



Category Apartment - Private
Space 230.00 m² • Rooms 4
Address New York

Type Rent

There are 0 results

Custom Domus Organizer module position
domus-search-noreults

- domus-search-beforeproperties

- `domus-search-noresults`

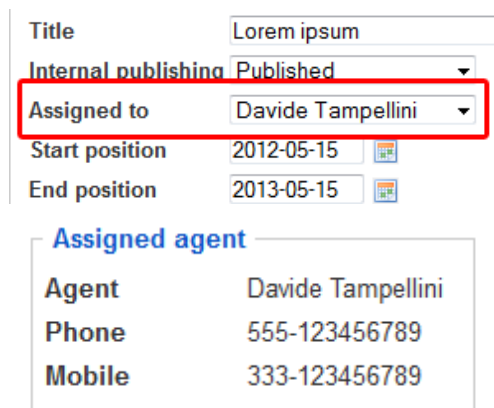
Assigning multiple modules to the same position

You can assign multiple modules to the same position, however, by default, the modules have a width of 100%, so it's up to you to assign the correct width and make them float.

14. Agents assigned to properties

Inside the professional version of Domus Organizer you can assign an agent to every property: in this way, in the public area, agent details will be published, too.

Figure 4.34. Agents assigned to properties



Title	Lorem ipsum
Internal publishing	Published
Assigned to	Davide Tampellini
Start position	2012-05-15
End position	2013-05-15

Assigned agent

Agent: Davide Tampellini

Phone: 555-123456789

Mobile: 333-123456789

Moreover, if configured in such way, you can redirect contact emails directly to the assigned user instead of the agency. Anyway, the agency will get a copy of the sent message, telling who's handling the request.

Assigned agent and ACL

Please note that this won't alter any agent action. This is just a nice reminder for your site visitors, so they will know who they should contact if they are interested with a property.

For a full explanation of the ACL settings, please read this section.

15. Print property PDF

If set inside component options, you can convert the public property layout into a PDFs instead of displaying a print layout.

As you are used to do with Domus Organizer, you can modify its layout using template overrides; you have to create these files:

- `site_root/your_template/html/com_domus/publics/property_pdfheader.php`
- `site_root/your_template/html/com_domus/publics/property_pdf.php`
- `site_root/your_template/html/com_domus/publics/property_pdffooter.php`

Html Code And Pdf

Writing PDF compatible HTML code could be an hard task, since you have to do that "in the old way" (nested tables).

We strongly suggest you to start from our layouts and adapt them following your needs.

PDF prints with non UTF-8 charsets (ie Russian)

In order to keep the size of the component package low, Domus Organizer includes the fonts only for the most used languages. If the PDF contains one or more questions marks ? instead of the correct character, it means that your language is not supported by the default font family.






Fixing it is very simple: first of all you have to download and install the package name TCPDF Additional fonts [<https://www.fabbricabinaria.it/en/download/tcpdf-library/tcpdf-library-6-0-012>]. It's a Joomla compatible package, so you can install as a normal extension.

Then inside Domus Organizer component options you have to enable the feature **Use extended fonts**.

16. Custom print templates

Quite often, during your every day work, you have to create documents starting from the information stored inside your site: rent or sell contracts, flyovers that will be displayed inside your office and so on.

Usually you have a standard text that will be manually filled with customer and property details. With this feature, you can use tokens and image placeholders that will be automatically replaced with the data coming from Domus Organizer.

	Title	Customer	Property	Image placeholders	Published
<input type="checkbox"/>	 Property only	✗	✓	✗	✓
<input type="checkbox"/>	 Property and customer	✓	✓	✗	✓
<input type="checkbox"/>	 Property and customer images	✓	✓	✓	✓
<input type="checkbox"/>	 Customer only	✓	✗	✗	✓
<input type="checkbox"/>	 Customer header/footer	✓	✗	✗	✓

File format

At the moment only Word documents with extension .docx are supported

16.1. Edit a print template

First of all you have to create a new Print Template inside Domus Organizer: here you can specify additional details about the template.

Template title *

Template file Nessun file selezionato.
[prop_cust_image_35477900.docx](#)

Published ☐ No
☒ Yes

Customer required ☐ No
☒ Yes




Property required ☐ No
☒ Yes

Image placeholders ☐ No
☒ Yes

Template title	The title assigned to the template
Template file	The template file containing the tokens and the image placeholders
Published	Is this record published?
Customer required	Does this template require a customer to render its information?
Property required	Does this template require a property to render its information?
Image placeholders	This template contains image placeholders?

Linked customer or property

If the template is linked with a customer or a property, you'll be automatically redirected to the customer or property list, so you can choose the correct one

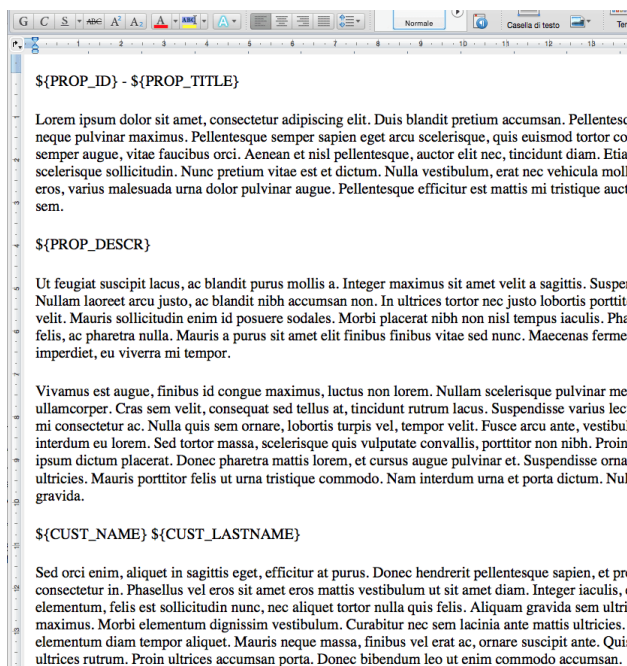
	Title	Customer	Property	Image placeholders
	Property only	✗	✓	✗
	Property and customer	✓	✓	✗
	Property and customer images	✓	✓	✓

This is pretty straightforward, now you have to take extra care about creating the real template document.

16.2. Create a template document (without images)

This is pretty straightforward: create a new Word document and start typing your text. Instead of customer and property values, simply use a token like this: `{ CUST_NAME }`

You can find the full list of available tokens here or inside Domus Organizer template edit page.



16.3. Create a template document (with images)

Creating a template that contains images is a little more complicated.

First of all, while saving the document in Domus Organizer, you will have to set the option **Image placeholders to Yes**; in this way the component knows that we are going to replace some images inside the file.

Then you have to actually put some images inside your Word document:

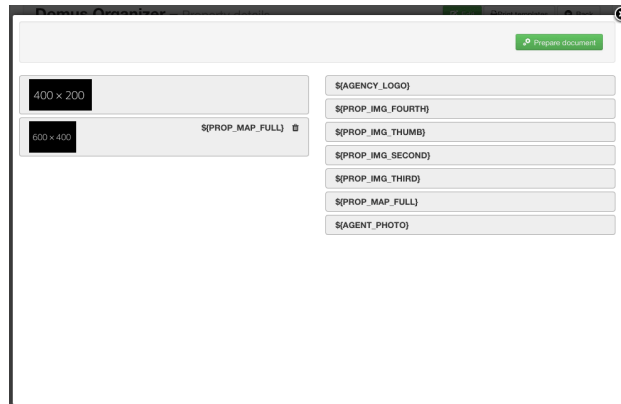


Empty image placeholders

If you don't know how to create or download empty images, you can use DummyImage.com [<http://dummyimage.com/>] website: there you can choose the exact size of the image and add a custom text on it.

This is very helpful when you'll replace the placeholder with the actual token, so you'll get an immediate reference on what such placeholder should contain.

Before outputting the final document, Domus Organizer will ask you which token do you want to use to replace any placeholder image. You'll simply have to drag and drop the token over the image: Domus Organizer will do the rest.



Images size

Please pay attention to the size of the placeholders: for technical reasons Domus Organizer can not change the size of the image inside the document (doing that would corrupt it), so try to use placeholders with a size close to the actual image that will be used.

Moreover, you should pay extra attention to image **proportions**: if you create a rectangular placeholder and you replace it with a square image the end result could be sub-optimal. Domus Organizer will try to proportional resize the new image to fit placeholder dimensions; however that's only an estimated guess, so, once again, **you should use placeholders with a size close to the actual image that will be used.**

17. Hide elements in public views and search form

Sometimes, you don't want to share publicly one or more information about the property. In the pro version you can create a "private" field flagging the following option:

Figure 4.35. Hidden elements

Domus Organizer – Edit element Save Save & Close Save & New Cancel

Details

Name *

Type *

Group *

Published ☐ No ☒ Yes

Public ☒ No ☐ Yes

Element searchable ☒ No ☐ Yes

In this way the field will be visible in the admin area only. As a friendly reminder, you will find an icon next to the hidden from public field.

Figure 4.36. Hidden elements: property form view

Property details

Property condition	New	🔗
Occupation	Available Soon	
Exposition	Est	

Moreover you can hide a field from the Advanced search page, too, so you can have a lighter form.

18. Image watermark

If set inside component options, Domus Organizer could use an image to create a watermark, instead of using a simple text

Figure 4.37. Image watermark



19. Image beautifying

Pictures are the most important thing for a real estate agency, which is why the PRO version offers the possibility of improving them automatically.

By selecting the appropriate item in the backend, Domus Organizer will increase the contrast and brightness of images

Figure 4.38. Image beautifying

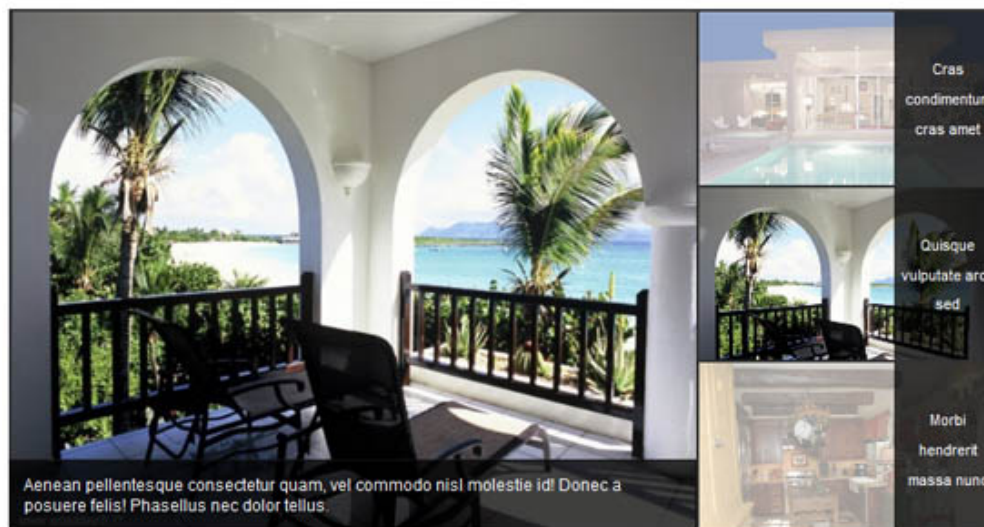
20. Additional modules

In the professional version you will find several ready to use modules:

- Carousel Module Display your best properties using a fancy carousel module
- Properties Module Display several properties horizontally or vertically

20.1. Carousel Module

Inside the professional version you will find a carousel module, too. With this module, you'll be able to show your properties in a fancy way to your users!

Figure 4.39. Carousel module

As usually, this extension is fully customizable, you can choose which kind of properties you want to show and how many of them:

Figure 4.40. Carousel module params

Show only hot properties ☒ No ☐ Yes

Type

Category

Image size

Image title max length

Image description max length

Number of images

Show only hot properties	Should this module show only hot properties or normal too?
Type, Category	Do you wish to show only properties belonging to a fixed type/category?
Image size	Carousel width is fluid, so you can place it anywhere: from a small box to a full width position. However, you should choose the right image size to prevent weird result: as default, you should use full images but if the position where you published the module it's quite narrow, maybe you should consider displaying thumbnails.
Image title max length, Image description max length	Here you can set a maximum length for photo title and description, leave it empty or equal to 0 to display all the text
Number of images	How many images (properties) do you want to show?

20.2. Properties module

Instead, if you want to display your properties in a static way, you can use the following module:

Figure 4.41. Properties module

This is a very versatile module, since you can place properties horizontally, vertically, on single row and columns or on multiple ones.

Figure 4.42. Properties module params

Show image	<input type="radio"/> No	<input checked="" type="radio"/> Yes
Show price	<input type="radio"/> No	<input checked="" type="radio"/> Yes
Show type	<input checked="" type="radio"/> No	<input type="radio"/> Yes
Show title	<input type="radio"/> No	<input checked="" type="radio"/> Yes
Show category	<input type="radio"/> No	<input checked="" type="radio"/> Yes
Show description	<input type="radio"/> No	<input checked="" type="radio"/> Yes
Show only hot properties	<input checked="" type="radio"/> No	<input type="radio"/> Yes
Type	<input type="text" value="- Select -"/>	
Category	<input type="text" value="- Select -"/>	
Property description max length	<input type="text" value="50"/>	
Number of properties on each row	<input type="text" value="1"/>	
Number of properties	<input type="text" value="3"/>	

Show image Should the image be displayed?

Show price Should the price be displayed?

If the property is under "private treaty" (ie unknown price to the user), Domus Organizer will display the text **Private treaty** instead of the price.

Show type Should the type be displayed?

Show title Should the title be displayed?

Show category Should the category be displayed?

Show description Should the description be displayed?

You can limit description length with another option that you'll find below.

Show only hot properties Should the module only display hot properties?

Type Display only a specific type

Category Display only a specific category

Property description max length Max length in chars of the description.

Number of properties on each row How many properties should be displayed on every row? If you want to display the module vertically, set this option to 1, so they will stack one above the other.

Number of properties How many properties should be displayed?

21. Additional plugins

Inside the professional version you will find several ready to use plugins:

- Energy class plugin Display a nice image showing in which energy class your property belongs to
- Social share buttons Share your properties among several social networks
- Property ID generator Generate a new property ID automatically while creating a new record
- XMAP (sitemap generator) plugin Through the XMAP plugin, you'll be able to include your properties inside your sitemaps, leading to better search results.

21.1. Energy class plugin

Using the property fields you can display the energy class of a property, however it isn't very nice. Users are used to see a very distinctive image, showing how ecologic is the house:



You can achieve this using the Content - Domus Organizer Energy class

Note

The image is created on the fly using CSS rules, this means that you are free to add as many classes you want or change their color.

Plugin configuration

In the backend, the plugin has the following options:

Figure 4.43. Energy class plugin: Configuration params

Width type	<input data-bbox="787 1444 1040 1472" type="text" value="%"/>
Starting width	<input data-bbox="787 1499 1040 1526" type="text" value="7"/>
Width increment	<input data-bbox="787 1554 1040 1581" type="text" value="6"/>
Energy unit	<input data-bbox="787 1608 1040 1635" type="text" value="kWh/m&sup2;a"/>
Energy classes	<div data-bbox="787 1663 1040 1877"> A+ #014923 A #00612E B #1EA838 C #BBD800 D #FFF500 E #F4AE00 F #E67817 G #C4261D </div>

Width type	The width values should be interpreted as pixels or percentages?
Starting width	The width of the starting class
Width increment	How much should each class be greater than the previous one?
Energy unit	The energy unit related to the energy classes.
Energy classes	<p>This is where you define all your classes, one per line. In each line you can put several info: the code, the color and the value of the class (optional), separated by pipe () character.</p> <p>The syntax to use is the following <code><class code> <color in hex with starting #> <class value></code>.</p> <p>If you don't use any class value, your indicator (the black arrow) will show the class code, otherwise it will show the exact value you passed to the plugin (you will find further details in the usage section)</p>

Figure 4.44. Energy class plugin: with and without class values



In the first case, we directly passed to the plugin the energy class (D), in the second case, we passed the energy value (60): the plugin did the math and selected the correct class automatically.

Plugin usage

The usage is very simple, just add the following text in your property `{domus_energy_class:<value>}`.

As discussed earlier, `<value>` could be the class code (**D**), or if you assigned a value to each class, the raw recorded value (**60**).

Since this is a content plugin, it means that you can use the previous syntax wherever you want: it could be inside the property description or in a property field, the result will be the same.

Configured params and passed value

Please note that if you configured a value for each class, you **must** pass the raw value (60); if you didn't set it up, you **must** pass the class code (D)

21.2. Social share buttons

Social networks play an important role in any marketing campaign, so you'll really want to share your properties across several networks and let your users do the same.

Enabling this plugin, you'll be able use two more tokens inside your templates: [PROP_SOCIAL_SHARING_LIST] and [PROP_SOCIAL_SHARING]. The first one should be used inside properties list, while the latter one inside a single property template.

Figure 4.45. Social share plugin: result example



The Social Share plugin will come with several configuration params, so you can optimize its behavior on your needs

Figure 4.46. Social share plugin: configuration options

Facebook	
Enable buttons	<input type="text" value="Yes"/>
Button type	<input type="text" value="Button count"/>
Add meta tags	<input type="text" value="No"/>
Twitter	
Enable buttons	<input type="text" value="Yes"/>
Button type	<input type="text" value="Normal"/>
Google+	
Enable buttons	<input type="text" value="Yes"/>
Button type	<input type="text" value="Medium"/>
Button type	<input type="text" value="Bubble"/>
Add meta tags	<input type="text" value="Yes"/>

For each social network you'll be able to choose if you want to display its button, button layout and if you want to append property metadata to your page.

Figure 4.47. Social share plugin: property metadata

```
<head>
<meta property="og:title" content="Former Hollywood mov
<meta property="og:url" content="http://www.example.com
<meta property="og:description" content="Praesent sed c
<meta property="og:image" content="http://www.example.c
```

This is a very interesting feature: if you let Domsu Organizer injecting the required metadata, the search engine will be able to display a better image and an appropriate text for the link.

Figure 4.48. Social share plugin: example of shared property

As you can image, a better link means more clicks that lead a better results, so we strongly suggest you to always enable this feature and turn it off only if you are experiencing any issue.

21.3. Property ID generator

If you have several properties, it could be annoying remembering to create a new unique property id for each record; in Domus Organizer PRO you can find this useful plugin that will do this job for you.

You can simply define a format using some tokens, decide if you always want a new random id or increment the last one and you're done!

Figure 4.49. Generate ID: Plugin params

Format	<input type="text" value="[TYPE][CAT]-[ID]"/>
Generation type	<input type="text" value="Incremental"/>
Type association	<input type="text" value="Rent=V"/>
Category association	<input type="text" value="Detached House=H"/>

Format Format of the ID. You can use the following tokens:

- **[ID]** (required) The new generated id
- **[TYPE]** The type of the property. By default the first char of the type is used (for example Sale becomes S). You can specify a different character using the option **Type association** (see below)

- **[CAT]** The category of the property. By default the first char of the category is used (for example Apartment becomes A). You can specify a different character using the option **Category association** (see below)

Generation type How the ID should be generated? You can choose between the following values:

- **Random** Creates a random 5 digits number
- **Incremental** The plugin will try to find the latest property id used, following the format defined above. This means that if you use the type and category token, it will take the latest ID used for such type and category.

Finally it extracts the numeric part and increments it by one

Type association Here you can specify a different char for a specific type (for example V for the Rent one). Put each association on a new line, using the following syntax: `TITLE_OF_THE_TYPE=CHAR_TO_USE`. For example:

```
Rent=V
Sale=T
```

Category association Here you can specify a different char for a specific category (for example J for the Apartment one). Put each association on a new line, using the following syntax: `TITLE_OF_THE_CATEGORY=CHAR_TO_USE`. For example:

```
Apartment=J
Detached House=H
```

21.4. XMAP (sitemap generator) plugin

Through this plugin, you'll be able to add your properties inside the the sitemaps created by XMAP.

You can find the extension following this link [<http://extensions.joomla.org/extensions/structure-a-navigation/site-map/3066>].

Chapter 5. Developers' information

1. Token reference

Domus Organizer is a very flexible component, you can customize the final layout in several ways. To achieve that, it implements several tokens that will be replaced with the actual values.

For your convenience, here you can find the complete list of such tokens.

Token syntax

If you are planning to use the token inside a template, you have to wrap it with square brackets (ie `[PROP_TITLE]`). If you want to use it inside a print template, instead, you have to use the following syntax: `${ PROP_TITLE }`

1.1. Property tokens

PROP_ADDRESS Property address, it will follow global settings about displaying the complete address or not

PROP_BATHROOMS Number of bathrooms

PROP_BEDROOMS Number of bedrooms

PROP_CATEGORY Property category

PROP_CONTACT_BTN Contact button for the property

PROP_DESCR Full description of the property

PROP_DESCR_SHORT Short description, it will be limited to the amount of chars set in component options

PROP_GALLERY Property photo gallery

PROP_HITS Number of visits

PROP_ID ID of the property

PROP_IMG_FOURTH Image of the fourth property image (if available)

PROP_IMG_THUMB Thumbnail of the first image

PROP_IMG_SECOND Image of the second property image (if available)

PROP_IMG_THIRD Image of the third property image (if available)

PROP_LINK Link to the property. You have to set this token inside the href attribute of the link

PROP_MAP_FULL Property map and streetview

PROP_PRICE Price of the property

PROP_PRINT_BTN Print button for the property

PROP_ROOMS_DETAILS List of property rooms, following component options settings

PROP_ROOMS Total number of rooms

PROP_SOCIAL_SHARING - Token for social sharing - Single item

PROP_SOCIAL_SHARING_LIST - Token for social sharing - List pages

PROP_SPACE Property space (with unit size)

PROP_TITLE Title of the property

PROP_TYPE Property type

1.2. Customer tokens

CUST_ADDRESS Customer address

CUST_COMPANY_NAME Customer company name

CUST_DATE_BIRTH Customer date of birth

CUST_DISTR_BIRTH Customer district of birth

CUST_EMAIL Customer email

CUST_LASTNAME Customer last name

CUST_MOBILE Customer mobile number

CUST_NAME Customer first name

CUST_NOTE Customer notes

CUST_PHONE Customer phone number

CUST_PREV_NUMBER Customer providence number

CUST_TOWN_BIRTH Customer town of birth

CUST_VAT Customer business registration number

1.3. Agent tokens

AGENT_EMAIL Email of the agent

AGENT_LASTNAME Last name of the agent

AGENT_LINK Link to the details page of the agent. You have to set this token inside the href attribute of the link

AGENT_MOBILE Mobile number of the agent

AGENT_NAME First name of the agent

AGENT_PHONE Telephone number of the agent

AGENT_PHOTO Photo of the agent

1.4. Agency tokens

AGENCY_ADDRESS Agency address

AGENCY_DISTR Agency district

AGENCY_DISTR_SHORT Agency district (short description)

AGENCY_EMAIL Agency email

AGENCY_FAX Agency fax

AGENCY_LINK Agency link

AGENCY_LOGO Agency logo

AGENCY_NAME Agency name

AGENCY_PHONE Agency phone

AGENCY_TOWN Agency town

AGENCY_ZIP Agency Zip code

2. Developing custom plugins

Domus Organizer has a very flexible design: you can add new features simply using plugins which can be installed through Joomla! extensions installer.

The plugins can belong to two groups:

domusintegration In this group you will find the plugins that add new features to Domus Organizer.

domusimport This group holds the plugins that will perform the data import inside Domus Organizer.

2.1. "domusintegration" plugin event

This plugin group will allow you to add new information in an unobtrusive way; it's a standard Joomla plugin, so the manifest file will be something like this:

Example 5.1. Example of manifest file for "domusintegration" plugin

```
<?xml version="1.0" encoding="iso-8859-1"?>
<extension type="plugin" group="domusintegration" version="1.6" method="upgrade">
  <name>Domus Organizer Integrations - Extend property sample</name>
  <author>Davide Tampellini</author>
  <creationDate>2014-03-27</creationDate>
  <copyright>GNU GPL</copyright>
  <license>http://www.gnu.org/copyleft/gpl.html GNU/GPL</license>
  <authorUrl>www.fabbricabinaria.it</authorUrl>
  <version>1.0.0</version>
  <description>Example plugin to extend property info</description>

  <files>
    <filename plugin="extendproperty">extendproperty.php</filename>
    <filename>index.html</filename>
  </files>
```


</extension>

Every section of Domus Organizer will fire a specific event, can you intercept and handle.

2.1.1. Property events

The following events will be fired while dealing with properties

2.1.1.1. onDomusIntegrationPropertyRead

Prototype: (array) public function onDomusIntegrationPropertyRead(\$property)

Synopsis: This event is called in the admin area, while creating the tabs for the property (read tasks)

Sample plugin: plugins/domusintegration/extendproperty/extendproperty.php

This event is fired when a property is displayed in read mode inside the administrative area.

The `$property` variable is a `FOFTable` class that holds all the data fetched from the database. Since in this view the user can't edit any data, the plugin should not display any form elements or input fields.

The returning array **must have** two keys:

- **tabname** it's the name of the tab that will be created
- **content** Is the actual content of the new tab. It's up to the plugin to supply the valid HTML and to retrieve the extra stored data

2.1.1.2. onDomusIntegrationPropertyEdit

Prototype: (array) public function onDomusIntegrationPropertyEdit(\$property)

Synopsis: This event is called in the admin area, while creating the tabs for the property (edit tasks)

Sample plugin: plugins/domusintegration/extendproperty/extendproperty.php

This event is fired when a property is displayed in edit mode inside the administrative area.

The `$property` variable is a `FOFTable` class that holds all the data fetched from the database. The plugin should not render any form elements, since it is already created by Domus Organizer; it only should create input fields and the code required to style them.

The returning array **must have** two keys:

- **tabname** it's the name of the tab that will be created
- **content** Is the actual content of the new tab. It's up to the plugin to supply the valid HTML and to retrieve the extra stored data

Name of input fields

Please pay extra attention while choosing the name of input fields: in order to avoid conflicts, you should give them a very unique name, maybe using the name of your plugin as prefix, like `plg_extendproperty_first_field`

These fields will be submitted automatically and you'll be able to save their values in the `onDomusIntegrationPropertyAfterSave` event (see below)

2.1.1.3. onDomusIntegrationPropertyBeforeSave

Prototype: (boolean) public function onDomusIntegrationPropertyBeforeSave(\$data, \$table)

Synopsis: This event is called in the admin area, before saving a property

Sample plugin: plugins/domusintegration/extendproperty/extendproperty.php

This event is fired before saving a property inside the database, so you can create new checks for your additional fields or to tighten the existing checks inside Domus Organizer

The \$data argument is an indexed array that holds the submitted data, while the \$table variable is a FOFTable class that holds all the current data retrieved from the database.

2.1.1.4. onDomusIntegrationPropertyAfterSave

Prototype: (void) public function onDomusIntegrationPropertyAfterSave(\$property)

Synopsis: This event is called in the admin area, after a property has been saved

Sample plugin: plugins/domusintegration/extendproperty/extendproperty.php

This event is fired after the property is successfully saved in the database.

The \$property variable is a FOFTable class that holds all the data just saved inside the database.

2.1.2. Customer events

The following events will be fired while dealing with customers

2.1.2.1. onDomusIntegrationCustomerRead

Prototype: (array) public function onDomusIntegrationCustomerRead(\$customer)

Synopsis: This event is called in the admin area, while creating the tabs for the customer (read tasks)

Sample plugin: N/A

This event is fired when a customer is displayed in read mode inside the administrative area.

The \$customer variable is a FOFTable class that holds all the data fetched from the database. Since in this view the user can't edit any data, the plugin should not display any form or input field.

The returning array **must have** two keys:

- **tabname** it's the name of the tab that will be created
- **content** Is the actual content of the new tab. It's up to the plugin to supply the valid HTML and to retrieve the extra stored data

2.1.2.2. onDomusIntegrationCustomerEdit

Prototype: (array) public function onDomusIntegrationCustomerEdit(\$customer)

Synopsis: This event is called in the admin area, while creating the tabs for the customer (edit tasks)

Sample plugin: N/A

This event is fired when a customer is displayed in edit mode inside the administrative area.

The `$customer` variable is a `FOFTable` class that holds all the data fetched from the database. The plugin should not render any form elements, since it is already created by Domus Organizer; it only should create input fields and the code required to style them.

The returning array **must have** two keys:

- **tabname** it's the name of the tab that will be created
- **content** Is the actual content of the new tab. It's up to the plugin to supply the valid HTML and to retrieve the extra stored data

Name of input fields

Please pay extra attention while choosing the name of input fields: in order to avoid conflicts, you should give them a very unique name, maybe using the name of your plugin as prefix, like `plg_extendcustomer_first_field`

These fields will be submitted automatically and you'll be able to save their values in the `onDomusIntegrationCustomerAfterSave` event (see below)

2.1.2.3. onDomusIntegrationCustomerBeforeSave

Prototype: (boolean) public function onDomusIntegrationPropertyCustomerSave(\$data, \$table)

Synopsis: This event is called in the admin area, before saving a customer

Sample plugin: N/A

This event is fired before saving a customer inside the database, so you can create new checks for your additional fields or to tighten the existing checks inside Domus Organizer

The `$data` argument is an indexed array that holds the submitted data, while the `$table` variable is a `FOFTable` class that holds all the current data retrieved from the database.

2.1.2.4. onDomusIntegrationCustomerAfterSave

Prototype: (void) public function onDomusIntegrationCustomerAfterSave(\$customer)

Synopsis: This event is called in the admin area, after a customer has been saved

Sample plugin: N/A

This event is fired after the customer is successfully saved in the database.

The `$customer` variable is a `FOFTable` class that holds all the data just saved inside the database.

2.2. "domusimport" plugin events

This plugin will allow you to import data from a previous data source inside Domus Organizer; it's a standard Joomla plugin, so the manifest file will be something like this:

Example 5.2. Example of manifest file for "domusimport" plugin

```
<?xml version="1.0" encoding="iso-8859-1"?>
```

```
<extension type="plugin" group="domusimport" version="1.6" method="upgrade">
  <name>Domus Organizer Imports - Standard</name>
  <author>Davide Tampellini</author>
  <creationDate>2014-02-16</creationDate>
  <copyright>GNU GPL</copyright>
  <license>http://www.gnu.org/copyleft/gpl.html GNU/GPL</license>
  <authorUrl>www.fabbricabinaria.it</authorUrl>
  <version>1.0.0</version>
  <description>Standard data import: CSV or TAB delimited file</description>

  <files>
    <folder>assets</folder>
    <filename plugin="standard">standard.php</filename>
    <filename>index.html</filename>
  </files>

  <languages folder="language">
    <language tag="en-GB">en-GB/en-GB.plg_domusimport_standard.ini</language>
  </languages>
</extension>
```

2.2.1. onDomusImportGetName

Prototype: (array) public function onDomusImportGetName()

Synopsis: Returns the name of the import plugin

Sample plugin: plugins/domusimport/standard/standard.php

This event is fired when Domus Organizer looks for all the available import plugins, in order to display them to the user. In this way he can choose the one that suits the data he's going to import.

The return value **must be** an array, where the key is the internal name of the plugin and the value is the user friendly name:

```
return array('standard' => 'Standard import');
```

2.2.2. onDomusImportShowform

Prototype: (false|string) public function onDomusImportShowform(\$engine)

Synopsis: Displays the form with import options

Sample plugin: plugins/domusimport/standard/standard.php

This event is fired after the user chose the import plugin to use and Domus Organizer is now displaying import options; it's up to the plugin to create the valid HTML.

The values of the input fields will be available in the event onDomusImportRestore (see below).

Check the engine name!

Since there could be several plugins enabled, you have to check if the user truly chose your plugin!

Before doing anything, check if you should handle the event:

```
// The request engine is different from the plugin one? Let's ignore this event
if($engine != $this->name)
{
    return false;
}
```

2.2.3. onDomusImportRestore

Prototype: (bool) public function onDomusImportRestore(\$engine, \$data = array())

Synopsis: Process the submitted data and stores it inside the database

Sample plugin: plugins/domusimport/standard/standard.php

This event is fired when the user filled all the options in the previous page and clicked on the button Restore. In the request you will find all the options value previously displayed, so you can adjust your import accordingly (for example restore the customers instead of the properties)

2.2.4. onDomusImportExample

Prototype: (false|array) public function onDomusImportExample(\$engine, \$params)

Synopsis: Creates an example file for the user

Sample plugin: plugins/domusimport/standard/standard.php

Since file imports have a very specific syntax, the user must follow them, otherwise he could get import errors.

To facilitate the work, an import plugin should create an example file, so the user knows the syntax he has to respect.

The example file creation is made in two different steps:

1. First of all you have to create the URL that will trigger this event. Usually you want to display it in the option form.

Its structure is something like this:

```
index.php?
option=com_domus&view=restores&task=example&format=raw&engine_import=standard&&custom[ ]=
```

Let's analyze every single part of it

```
index.php?          This part is in common with every import plugin, it's requested by Domus Organizer in order
option=com_domus&view=restores&task=example&format=raw&engine_import=standard&&custom[ ]=
engine_import=<you> This is the programmatic name of your import plugin, for example standard
engine's name>
```

```
custom[ ]=<custom value> In this array you can add all the params you will need later while processing the file.
```

For example you would create an example file for restoring the customers and another one for properties.

2. Actually create the example file inside the onDomusImportExample plugin event.

Once again, since there could be several import plugin enabled, you have to check if the user truly chose your plugin:

```
// The request engine is different from the plugin one? Let's ignore this event
```

```
if($engine != $this->name)
{
    return false;
}
```

After that, you have to create and return an indexed array with the following keys:

content-type	Mime type for your file, for example a tab-separated file has <code>text/tab-separated-values</code> as content-type. You can find a list of the available mime-types in this page [http://en.wikipedia.org/wiki/MIME_type#List_of_common_media_types].
filename	The name of the file that will be downloaded
body	The content of the example file